

Sixty-ninth Annual Report
of the Board of Trustees of the
Ohio State University
to the Governor of Ohio

FOR THE YEAR ENDING
JUNE 30, 1939

MCMXXXIX
THE OHIO STATE UNIVERSITY
COLUMBUS, OHIO

THE OHIO STATE UNIVERSITY

HONORABLE JOHN W. BBICKER

Governor of Ohio,

Columbus, Ohio.

I have the honor to present to you the annual report of the Board of Trustees of the Ohio State University for the year ending June 30, 1939, as required by law.

Yours very truly,

M. EDITH CAMPBELL,

Chairman Board of Trustees.

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ANNUAL REPORT OF THE PRESIDENT

THE HONORABLE M. EDITH CAMPBELL
Vocations Bureau, Cincinnati Public Schools
Cincinnati, Ohio

DEAR MADAM:

I have the honor to present through you to the Board of Trustees of The Ohio State University, for transmission to the Governor of the State of Ohio, the sixty-ninth annual report of the Ohio State University for the year ending July 30, 1939.*

Retirement of President George W. Rightmire

At a meeting of the Board of Trustees held March 14, 1938, President Rightmire presented the following communication:

"TO THE BOARD OF TRUSTEES
OF THE OHIO STATE UNIVERSITY:

I have just completed twelve years in the Presidency of the University and am approaching the usual age of retirement from active service; accordingly I hereby most respectfully request the privilege of retiring, effective the first day of July, 1938.

I express deepest appreciation to the members of the Board, past and present, during this period, for their unfailing courtesies, and cordial and sympathetic relations.

I submit this request in a spirit of devotion to the high purposes and the continuous development of the University.

Sincerely,
(Signed) GEORGE W. RIGHTMIRE."

The Board deferred action on the request until the meeting held May 9th at which meeting Mr. Atkinson presented the following resolution and moved its adoption:

"The Board of Trustees has received with profound regret the request of President George W. Rightmire for retirement status effective July 1st next, as recorded in the minutes of the Board under date of March 14, 1938.

* * *

Its grateful recognition of a life-time of devoted, inspiring and useful service to the University, and thereby to the people of Ohio, the Board cannot now adequately express to the President. Later occasions will pro-

* In the preparation of this report I have received valuable assistance from the following members of the University staff: Vice President J. L. Morrill; Dean C. E. MacQuigg; Dean Alpheus W. Smith; Dean J. H. J. Upham; Dean O. V. Brumley; Dean of Men Joseph A. Park; Professor Arthur T. Martin; John B. Fullen, Secretary of the Ohio State University Association; John Pryor, University Statistician.

vide more appropriately the opportunity for tribute to his leadership in the University, the community, and the state.

The Board, while reluctant to contemplate the prospect of the President's retirement, yet realizes the propriety of his request to lay down, after long and difficult years, the burden of administration.

Be It, Therefore, Resolved that, effective June 30, 1938, the resignation of Dr. George W. Rightmire as President be accepted; and further, that he be appointed to the position of "President Emeritus," effective July 1, 1938, with compensation at the rate of \$5000 per annum, to perform the services proffered in his communication of April 6, 1938, together with such other duties as the Board may from time to time prescribe."

The above motion was seconded by Miss Campbell and upon roll call was unanimously adopted.

The minutes of the meeting also contained the following letter:

HONORABLE LAWRENCE E. LAYROURNE

Chairman, Board of Trustees of the

Ohio State University

First National Bank Building

Springfield, Ohio

MY DEAR MR. CHAIRMAN:

When faculty members are retired from the University service because of age, there is a natural curiosity about how they may expect to continue in a limited way to be useful in carrying forward the educational or material program of the institution. It is believed to be wholesome for the individual and a wise policy for the University to invite each person retiring to indicate for the records the contribution which he feels himself best fitted to render thereafter.

In pursuance of such sentiment I beg to say to you, for communication to the Board of Trustees at your discretion, that I hope, after an interval of relaxation, to resume study, writing, and lecturing to interested students and others, if it can conveniently be arranged, in the following fields:

- a. The significant phases and epochs of the development of Anglo-American Law;
- b. The development of Administrative Law in the United States during the last fifty years;
- c. Jurisdiction and Procedure in the Federal Judicial System.
- d. Perhaps I may be of some aid in completing the Pictorial History of the University which is being so well compiled and arranged by Professor Emeritus Joseph N. Bradford. My efforts might be helpful in the history either of the College of Law or the general administration of the University.

With deep appreciation for the ever gracious cordiality of the members of the Board, I am

Sincerely,

(Signed) GEORGE W. RIGHTMIRE, *President*

Dr. Rightmire is an alumnus of the University, having received the degree B.Ph. in 1895 and M.A. in 1898. In 1902 he resigned his position as a member of the teaching staff of North High School of Columbus, Ohio, to accept that of instructor in American History and Political Science as well as instructor in the College of Law at the Ohio State University. In 1906 he was promoted to a full professorship in the College of Law and retained this position until November 5, 1925 when, on the resignation of President W. O. Thompson, he was made Acting President of the University. On March 1, 1926 he was promoted to the full Presidency of the University, a position which he filled until his resignation June 30, 1938.

During President Rightmire's administration, although it included a period of great financial depression, the University underwent a remarkable growth as shown briefly in the following table:

| | 1925-26 | 1937-38 | Per Cent Increase |
|---|--------------|--------------|-------------------|
| Enrollment | 11,658 | 17,411 | 49 |
| Teaching Staff (Full-time through instructors)..... | 476 | 654 | 38 |
| Degrees conferred..... | 1,722 | 2,638 | 53 |
| Campus Acreage..... | 956 | 1,392 | 46 |
| Value of Land, Buildings and Equipment..... | \$14,100,433 | \$23,670,102 | 68 |

During the above period the following buildings were either constructed in toto or remodeled: the Animal Husbandry group, Education, Engineering Experiment Station, Hamilton Hall, University Hospital (addition), Pomerene Hall (addition), Chemistry Building, Power House (addition), Derby Hall (remodeled), Pharmacy and Bacteriology, Physical Education and Natatorium, University Schools, Botany and Zoology (addition), Social Administration.

The following departments and schools were created during the same period: Music, Industrial Engineering, School of Social Administration, Adult and Special Education, Photography, Speech, Medical and Surgical Research and University Schools. The five departments in education were consolidated into one Department of Education.

During the years of his Presidency Dr. Rightmire devoted all his time and his energy conscientiously to the upbuilding of the University. He was especially interested in the welfare of the students and sympathized with them in their endeavor to find the work best adapted to their ability and their success in life. Upon his recommendation the position of Junior Dean was created by the University Faculty, approved by the Board of Trustees, and put into operation at the opening of the autumn quarter in 1928.

In accordance with this plan, Junior Deans were appointed for the following colleges: Agriculture, Arts and Sciences, Commerce, Education and Engineering. President Rightmire's plan thus installed is now a fixed part of the administration of the University.

High-minded and always courteous, President Rightmire was universally beloved by members of the teaching staff and students alike and his resignation was received with sincere regret. The dinner given to him and Mrs. Rightmire on the eve of his retirement was an outpouring of appreciation that must have touched the hearts of all present. While no longer an active member of the staff of the University, he remains deeply interested in whatever pertains to the welfare of the University and the State.

Changes in Personnel of the Board of Trustees

Mr. Harry A. Caton retired as a member of the Board of Trustees in the spring of 1939, being chairman of the Board at the time of his retirement. He had served continuously and faithfully since 1925 and the University owes much to his wisdom and good judgment. Mr. Caton, a native of Ohio, a product of the State's public school system, and a long time leader in agriculture, brought to the Board's deliberations the benefit of all these viewpoints. Long active in agricultural affairs both in Ohio and nationally, he was elected Secretary of the National Grange in 1928—a position which he still holds.

Mr. Caton was succeeded on the Board of Trustees by Mr. Leo L. Rummell, one of our own graduates who brings to the group not only an agricultural viewpoint but also that of business as well. He received from the University the degree B.Sc. in Agriculture in 1915 and the M.Sc. in 1917, majoring in agriculture. For twenty years he was on the editorial staff of "The Ohio Farmer." More recently he has been agricultural counsel for the Ohio Council of Retail Merchants.

Members of the University Staff Placed on Emeritus Basis

The following persons, having reached the retirement age, were given the emeritus title effective September 1, 1938:

Harry M. Semans, Dean of the College of Dentistry. Dean Semans is a graduate of Ohio Wesleyan University and New York University College of Dentistry. He was a member of the staff of the Ohio Medical University and was appointed Acting Dean of the College of Dentistry when the Ohio Medical University became a part of the Ohio State University in 1914. In 1915 he was appointed Dean of the College of Dentistry and retained this position until his retirement in 1938. During his twenty-four years as Dean of the College he strove conscientiously to place the College of Dentistry on a high plane. In the year of his retirement he was elected President of the American Association of Dental Schools, which is one of the highest honors that can come to a member of his profession.

Henry H. Goddard. Professor Goddard is a graduate of Haverford College and of Clark University. Later he was a student in a number of German universities. In 1906 he was appointed director of the Laboratory for Psychological Study of Feeble-minded in the training school at Vineland, New Jersey—the foremost institution of its kind in our country, and he retained this position until 1918 when he was made director of the Ohio Bureau of Juvenile Research. In 1922 he became Professor of Psychology in the Ohio State University and retained this title until 1938 when he reached the retirement age and became emeritus professor of Psychology. Dr. Goddard has been universally recognized as the outstanding scholar in his special field of study. He brought great distinction to the University and helped to make our Department of Psychology known in all university circles.

Carl L. Spohr. Dr. Spohr is a graduate of Starling Medical College and of Ohio Medical University. He was a member of the staff of the Ohio Medical University until 1914 when he became Professor of Bacteriology at the Ohio State University. Later he was appointed Professor of Clinical Pathology and finally made Professor of Pathology in 1934, a position which he held until his retirement in 1938. Dr. Spohr devoted all his time and his energy to the

upbuilding of our Department of Pathology and the University is greatly indebted to him for his contribution.

Deaths

Death has laid a heavy hand upon the University staff during the year. A brief statement of those taken from us follows:

Dr. Edwin Asher Hamilton, Assistant Professor of Surgery, died July 31, 1938. Dr. Hamilton entered the service of the University as Assistant Professor of Proctology, July 1, 1914 and was made Assistant Professor of Surgery July 1, 1916, a position which he retained until the time of his death. Dr. Hamilton was not only a distinguished surgeon, outstanding in his special field, but he had a warm interest in our College of Medicine and in many ways rendered valuable services to its advancement.

Frank A. Ray, Emeritus Professor in the College of Engineering, died August 9, 1938. Professor Ray graduated from this University in 1887. After several years of experience in the mining industry, he entered the University service in 1894 as Assistant Professor of Mine Engineering. He was made full Professor in June, 1900 and from 1906 to 1908 he was Dean of the College of Engineering. In 1921 he was made Consulting Director of the School of Mines and Emeritus Professor in 1928. Professor Ray was recognized as one of the able leaders in all matters pertaining to the mining industry, and from time to time was called upon to carry on important investigations in this field, both in our own country and abroad; but wherever his duties took him his heart was ever in the University and his continuous labor and wise counsel were important factors in the upbuilding of our College of Engineering and the School of Mines. A distinguished scientist, a wise counselor, a true friend to faculty and students alike, all mourn his untimely death.

Royal D. Hughes, Professor and Chairman of the Department of Music, died November 7, 1938. Professor Hughes studied at Monmouth College, Harvard University and also under private teachers in Berlin and Paris. He was Director of the Summer School of the Ohio State University from 1921 to 1925. He was then elected Professor of Music and Chairman of the Department of Music in this University, a position which he held until the time of his death. Professor Hughes was not only a successful teacher of his subject, but an indefatigable worker. With comparatively little equipment but with outstanding enthusiasm, he succeeded in building up in our University a Department of Music that stands high among similar departments in other colleges and universities. He showed wise judgment in the selection of teachers who worked with him untiringly through the years. It is not too much to say that he gave his life to the University because his death was undoubtedly the result of overwork in his desire to make the department of Music second to none in our country.

Frank H. Haskett, Emeritus Professor of Photography, died November 8, 1938. Professor Haskett held the position of instructor in Architecture at the Ohio State University from 1907 to 1927. At the latter date he was elected Professor and Chairman of the Department of Photography, a position which he held until 1937. Because of illness he was then made Emeritus Professor of Photography, a position which he held until the time of his death. Professor Haskett was not only a photographer of the highest rank but he built up in our University a Department of Photography of which we are all proud. His

artistic pictures scattered through the various publications of the University will ever serve to remind us of this kindly man whom we all appreciated and loved.

Hurlbut S. Jacoby, Research Director of the Ohio State University Research Foundation, died November 16, 1938. Mr. Jacoby received the A.B. degree from Cornell University in 1908 and the degree C.E. in 1910. He then served as engineer in different industrial organizations. On January 1, 1935 he was made Director of Industrial Research and Field Director of the Engineering Experiment Station at the Ohio State University. In 1937 the additional title of Research Director of the Ohio State University Research Foundation was given him and he remained in this position until the time of his death. While Mr. Jacoby was connected with the University for the limited period of not quite four years, nevertheless in that time he succeeded in organizing the Ohio State University Research Foundation and in establishing it on a firm basis. Many of the prominent industrialists of the state showed their great confidence in him not only by cooperating in the upbuilding of the Research Foundation but also by asking his help in carrying out researches of the highest importance. The success of the Research Foundation is assured and it will ever stand as a memorial to its first Director.

John H. Schaffner, Research Professor of Botany, died January 27, 1939. Professor Schaffner entered the service of the University in 1897 as an assistant in Botany. Two years later he was advanced to the rank of Assistant Professor and in 1911 was made Professor. From 1908 to 1918 he was Chairman of the Department and in 1928 he was made Research Professor in Botany, the rank he held at the time of his death. Professor Schaffner was a quiet, modest scholar of the highest rank in his field and was greatly beloved by his associates and his students alike. He made many important discoveries in the realm of botany and is the author of 330 books and scientific papers. His discoveries made him an outstanding figure not only in our own country but in European countries as well where he has been regarded as one of the greatest botanists of his day.

Charles S. Plumb, Emeritus Professor of Animal Husbandry, died March 4, 1939. Of staid New England ancestry, Charles Sumner Plumb was educated at the Massachusetts Agricultural College, receiving the degree of B.Sc. in 1882. After filling important positions in turn in New York, Tennessee and Indiana, he came to our University in 1902 as Professor of Animal Husbandry. In this service of thirty-seven years he devoted his life with untiring energy to the great field of agriculture and especially to that section known as animal husbandry. He built up in our University a Department of Animal Husbandry that remains today one of the strongest departments of its kind in the entire country and one that in itself is a monument to his memory. Not only was Professor Plumb admired and loved by his students and associates, but by everyone who had the good fortune to know him. One could not help being impressed by his modesty, his simplicity, his kindness and the realization of these qualities grew and widened with acquaintance.

Changes in Staff

The following major changes in the staff of the University have been made during the year:

H. B. Alberty, Professor in the College of Education, appointed Director of the University Schools.

A. R. Olpin, appointed Director of Industrial Research.

Clyde T. Morris, appointed Chairman of the Department of Civil Engineering.

Wendell D. Postle, appointed Acting Dean of the College of Dentistry.

Eugene J. Weigel, appointed Acting Chairman of the Department of Music.

Harold Burt, appointed Acting Chairman of the Department of Psychology.

Jacob B. Taylor, Chairman of the Department of Accounting, was granted a leave of absence to accept the position as Director of Liquor Control in Governor Bricker's cabinet, and Donald W. Power, Associate Professor in the Department of Business Organization, was likewise granted leave of absence to serve as Secretary to Governor Bricker. George W. Eckelberry retired as Assistant to the President and resumed his position as Professor of Accounting.

Resignations

The usual number of resignations has occurred during the year. The list is as follows:

Herschel W. Arant, Dean of the College of Law, resigned to accept appointment as a Judge of the United States Circuit Court of Appeals for the Sixth Circuit.

William H. Cowley, Professor in the Bureau of Educational Research, resigned to accept the Presidency of Hamilton College.

Ralph W. Tyler, also a Professor in the Bureau of Educational Research, resigned to accept the headship of the Department of Education in the University of Chicago.

Thomas C. Pollock, Associate Professor, Department of English.

Dorothy Rood, Associate Professor, Department of Education.

Willard H. Bennett, Assistant Professor, Department of Physics.

H. O. Haterius, Assistant Professor, Department of Physiology.

Carl V. Moore, Assistant Professor, Department of Medicine.

E. E. Heizer, Assistant Professor, Department of Animal Husbandry.

Robert Gordon, Assistant Professor, Department of Botany

J. B. McClelland, Assistant Professor, Department of Agricultural Education.

Ruth P. Kuehn, Assistant Professor, Department of Education.

Ruth Poindexter, Assistant Professor, School of Nursing.

Resignation of Dean Herschel W. Arant

As stated above in the list of resignations for the year, Dean Arant resigned to accept the appointment as a Judge in the Federal Circuit Court of Appeals. He was appointed Dean of the College of Law in 1928 and in the eleven years of his administration the College has gained in reputation until it is recognized as one of the able law colleges of our country. The entrance

requirements have been advanced from two years of acceptable arts college work, or the equivalent, to three years, while the course has been greatly strengthened and made to conform more nearly to our modern ideas of legal training.

During his administration Dean Arant held many important offices. From 1935 through 1937 he was Secretary of the Association of American Law Schools and in 1938 was President of that organization. In 1933 he was made a member of the American Bar Association Committee on Ethics and Grievances and since that time he has served as secretary and as chairman of the Committee. In 1936 he was made chairman of the Ohio Bar Association Committee on Legal Ethics and Professional Conduct. From 1934 to 1938 he served as chairman of a Commission appointed by Governor White to study and recommend revision of the marriage and divorce laws of Ohio. He also helped to organize the League of Ohio Law Schools and has served as Secretary of that organization most of the time since its inception.

The service which Dean Arant rendered to our College of Law and to our state is a source of great satisfaction and pride to the University. Our best wishes follow him as he leaves us to assume a position of greater responsibility.

Honorary Degrees

Honorary degrees were conferred upon the following persons on the occasion of the Commencement held June 12, 1939:

John W. Bricker, Governor of Ohio, Doctor of Laws. Governor Bricker is a graduate of the University, having received the degree Bachelor of Arts in June 1916 and in June 1920 the degree Bachelor of Laws. He is the first alumnus of the Ohio State University to attain the high office of Governor of Ohio. Governor Bricker has long proved himself to be a friend of higher education and since his undergraduate days he has shown a deep and understanding interest in the Ohio State University. His career as an undergraduate, his training for the law, his serious interest in public affairs and public service, his unselfish and continuous participation in matters of civic and public concern, and his creditable record at the bar and in public service combine happily in him the basic implication of the University's motto "Education for Citizenship." It is peculiarly fitting that he should receive from his Alma Mater the mark of institutional recognition of his character and career.

Charles Proctor Cooper, Doctor of Science. Mr. Cooper is a graduate of the University, having received the degree of M.E. in Electrical Engineering in 1907. His life since graduation has been connected with the developments in the field of telephony. Starting at the bottom of the ladder and aided only by superior personality, judgment and intelligence, he has climbed by successive steps to the presidency of the Ohio Bell Telephone Company and finally to the executive vice presidency of the American Telephone and Telegraph Company, which important position he now holds.

Charles R. Hook, Doctor of Laws. Mr. Hook started his career as a workman in the steel mills and he has progressed not only to the presidency of the American Rolling Mill Company at Middletown, Ohio, but he has been called to assume heavy responsibilities in national and international fields of manufacture. He has been Director of the American Iron and Steel Institute, a member of the National Industrial Board, President and later Chairman of the Board of the National Association of Manufacturers and a member of the

Commission appointed by the President of the United States to study social legislation in Europe. In addition, one of Mr. Hook's greatest contributions has been that of establishing a better mutual understanding between employer and employee.

Dard Hunter, Doctor of Letters. Mr. Hunter is known as an artist, author, traveler, craftsman and is the world's acknowledged authority on the art of paper making. At present he is the Director of the Dard Hunter Paper Museum at the Massachusetts Institute of Technology. His books are not only recognized as the standard works on the subject, but are notable as literary productions and on account of their beauty and craftsmanship have become prized collector's items.

Merritt Finley Miller, Doctor of Science. Dean Miller received the degree of B.S.A. from the Ohio State University in 1900 and the Master's degree in Science at Cornell University in 1901. He taught in the Agronomy Department of this University from 1902 until 1904 when he became associated with the University of Missouri where he has risen through successive positions until in 1938 he was appointed Dean of the College of Agriculture in that University. Dean Miller occupies a position unique among the agronomists of the United States. The advice and counsel of no one in his field is sought more eagerly than his. He has conducted important research in the field of soil conservation and erosion control.

The Lamme Medal

In accordance with the last will and testament of Benjamin G. Lamme, a graduate of the University (M.E. 1888), there was placed in trust for the Ohio State University the sum of \$6000, the income from which should be used for a gold medal to be given annually to a graduate of one of the technical departments for meritorious achievements in engineering.

This year the medal was conferred on Thomas Alvin Boyd who received the degree of Bachelor of Chemical Engineering in 1918 and the professional degree of Chemical Engineer in 1938. Mr. Boyd is head of the Fuel Department of the research laboratories of General Motors Company and his achievements have placed him in the front rank of investigators in this general field of work.

Honors Awarded the Department of Music

In 1938 the Columbia Broadcasting Company conducted a National Choral Quest for the express purpose of finding the outstanding choral group in the United States. There were 31 competing groups and in the finals the Ohio State University Symphonic Choir, directed by Professor L. H. Diercks, was given first place. In addition to a large silver bowl awarded the Choir, the Columbia Broadcasting Company paid all the expenses of the students, director and chaperon on a tour during which the Choir sang to appreciative audiences in a number of cities.

Out of the contest has come a national recognition of the Ohio State University music organization. The University groups were invited to perform over the Columbia network (59 stations) and gave four concerts; the first by the University Symphonic Band, Eugene J. Weigel, Director; the second, a joint concert by the University Women's Glee Club and the University Chorus, directed by L. H. Diercks; the third, a concert by the University

Symphony Orchestra, directed by Eugene J. Weigel; and the fourth, a concert by the prize-winning Symphonic Choir, directed by Professor Diercks. As a result of these broadcasts there has come an invitation to participate for the coming year in six concerts on the nation-wide Columbia network.

The Biennium Budget and Legislative Relations

It is appropriate that the University, through the Acting President and Board of Trustees, should express appreciation to the Governor and to the General Assembly of Ohio for thoughtful and generous understanding of the University's program of service to the people of Ohio as manifested in the biennial appropriations made to the University by the 93rd General Assembly upon recommendation of the Governor and his Director of Finance.

Each biennium the University must present in detail its budgetary needs and must justify to the people of Ohio through the Chief Executive and the Legislature its three-fold undertaking of teaching, research and public service. In so doing, the Board of Trustees must be mindful that the needs of the University cannot be considered separately or apart from the financial condition of the state government as a whole and the requirements of other agencies and activities which the state must support—such as the operation of normal governmental departments and divisions, public education at the elementary and secondary levels, public relief, old age pensions, the operation of state welfare institutions and the like.

This consideration the University held constantly in mind in presenting to the State Director of Finance the biennial requests of the Ohio State University for 1939-1940, amounting to \$8,819,850. The amount asked was arrived at after the most rigid pruning by the President and Trustees of requests made by the departments, divisions, bureaus, schools and colleges of the University. The impossibility of any real expansion or major new enterprises in the program of the University at this time was fully recognized. The amount requested for the biennium was \$1,000,000 below the appropriation of ten years ago, for example, although the demands upon the University as evidenced in student enrollment, had increased approximately 22 per cent during the decade.

After numerous hearings at which the University representatives had the opportunity to present complete explanations and arguments to the Director of Finance, the Chairmen of the House and Senate Finance Committees and the members of the Educational Sub-sections of the House and Senate Finance Committees, the Director of Finance recommended to the General Assembly that a total biennial appropriation of \$7,441,950 for the Ohio State University be authorized. Legislative revisions due to financial stringency of the state and emergency demands upon the State Treasury resulted in final action by the General Assembly which made available to the University for the biennium the total sum of \$7,372,955. This represented a biennial increase of approximately \$371,000 over the total appropriations for 1937-1938.

Although this amount fell short by approximately \$1,448,000 of the amount requested for the biennium by the University and failed, therefore, to meet many vital and pressing needs which must be later resubmitted to the General Assembly, it is noteworthy that certain increases were granted for supplies, materials and equipment which will help to restore operations on the physical plant side of the University which have been dangerously curtailed

in recent years. The itemized appropriations also gave new hope and encouragement to the University staff in the increases granted for library books and periodicals. For library books the appropriations provided \$50,000 for each year of the current biennium, as contrasted with only \$18,000 for each year of the previous biennium; and for periodicals, \$31,500 for each year of the current biennium as compared with only \$24,000 annually in the previous biennium.

It should be here recorded that the Governor, his Director of Finance, the Chairmen of the House and Senate Finance Committees and the members of their committees gave the most careful and sympathetic attention to University needs in their consideration of the appropriation bill. Full opportunity for presentation of the University's case was freely accorded to the officers of the University. The Director of Finance, his Budget Commissioner, Chairmen of the Legislative Finance Committees and members of the Educational Sub-sections came to the campus to make inspection of University properties, hospitals, class rooms, and laboratories. Through the interested generosity of two members of the Alumni Association, the University officials were enabled to conduct the Governor and his Secretary, the Lieutenant Governor, the State Director of Finance, the Budget Commissioner, the Chairmen of the Finance Committees and Educational Sub-sections of the House and Senate, the Speaker of the House of Representatives, and the Majority Floor Leaders of both the House and Senate upon an inspection tour of the University of Illinois and the University of Michigan so that these officials and legislative leaders might see at first hand and make constructive comparisons of the facilities at the state universities in these two neighboring states with those of the Ohio State University.

A bill to enable all state universities in Ohio to issue bonds for the construction of educational buildings through the aid of the Public Works Administration, such bonds to be amortized through the use of special student fees over a period of years, was introduced in the Senate by the Honorable R. A. Pollock of Stark County. Although passed by the Senate it failed of passage in the House of Representatives and thereby the possibility of state aid in constructing greatly needed educational buildings at the state universities was precluded. The defeat of this bill was serious to the Ohio State University which has not received for eight years any state appropriation for the construction of a major building on the University campus.

The Inter-University Council of Ohio

Upon the initiative of the Ohio State University there was launched in January, 1939 a movement which, in our earnest hope and belief, may have far-reaching and constructive significance for the state. This was the establishment of the Inter-University Council of Ohio.

Anyone acquainted with the general organization of public education in Ohio cannot fail to realize that the state has had no well-planned program of higher education. Not only are there five state universities—an unprecedented number, not found in any other state—but more serious is the fact that there has been certainly in recent decades little or no coordination among these universities. To be sure, in 1906 the General Assembly of Ohio sought in the enactment of Section 7932, General Code of Ohio, to adopt "a distinct and fixed policy in regard to universities and colleges for all time to come." Since that time, however, legislative and administrative adherence to the prin-

ciples so stated has largely lapsed; and indeed, since that time two new state institutions of higher learning were established and given university status.

Each one of these five, meantime, has developed independently and without respect to any well-defined central policy on the part of the state.

Realizing that such a system, or rather lack of system, has worked to the disadvantage of the total cause of higher education in our state, the administrative authorities of the Ohio State University, after extended discussion and unanimous approval of the Administrative Council of the University, presented to the Board of Trustees at its meeting on November 5, 1938, the proposal that the Board extend an invitation to the President, the Business Manager and one or more representatives of the Boards of Trustees of each of the state universities to meet at the Ohio State University with a view to discussing common problems and with the hope that these universities might agree upon a system of cooperation that would redound to the good of the whole cause of higher education in the state.

The Ohio State University Board of Trustees by unanimous vote later approved the plan, the suggested conference was called on January 7, 1939 for a preliminary discussion, and on January 17 a second meeting was held with the following persons in attendance: from Ohio University—President Herman G. James; Mr. G. C. Parks, Business Manager; Mr. B. T. Grover (by invitation); from Miami University—President A. H. Upham, Mr. W. P. Roudebush, Business Manager; from Ohio State University—Acting President William McPherson; Mr. C. E. Steeb, Business Manager; Vice President J. L. Morrill (by invitation); from Kent State University—President Karl C. Leebrick; Mr. B. F. Renkert, Business Manager; from Bowling Green State University—Acting President H. B. Williams; Mr. E. J. Kreischer, Business Manager.

At this meeting the Ohio State University presented the following memorandum which had been approved by the Administrative Council and the Board of Trustees of the University:

1. The problem of state finances confronting the Governor and Legislature is specially acute by reason of the decrease in general revenue collections from which are financed the normal operations of state government, the indispensable program of the State Department of Welfare, and the vital service of the state institutions of higher education; the crisis in the payment of old age pensions; the fall-off in sales tax receipts with the resultant large deficit in funds to finance the state's School Foundation program; the question of public relief, etc.
2. Meantime, enrollments in the five state universities—Ohio State, Miami, Ohio, Kent, and Bowling Green—have increased steadily since the low point of the depression and the curricular offerings of all the universities have been greatly expanded in recent years.
3. Successive legislatures in the more recent years have apparently abandoned the philosophy and statement of intention expressed in 1906 by the General Assembly of Ohio, in its enactment of Section 7923, General Code of Ohio, which provides as follows:

"Section 7923. Inasmuch as it is deemed desirable for this state to determine its policy in regard to the support of institutions of higher learning, and further desirable that it adopt a distinct and fixed policy in regard to universities and colleges for all time to come so that the policy of the state with reference to the Ohio State University, the Miami University and the Ohio University shall be determined and made definite and to the end that the state may build up one university worthy of it, as now begun at the Ohio State University, and also to fix such a policy as will provide support for the Miami and Ohio universities as colleges of liberal

arts, but not to include technical or graduate instruction, aside from the usual graduate work for the degree of master of arts, and to determine definitely for all time that the Miami University and the Ohio University shall be no greater charge on the state so far as university purposes are concerned than herein provided for; therefore this subdivision of this chapter is passed to set forth the policy, to-wit: That in the future no representative of the Miami University or of the Ohio University or of the Ohio State University shall violate or attempt to violate this policy herein enacted into law as a policy for the support of higher education and as a guide for future general assemblies of the State of Ohio. (98 v., 309 sec. 1)."

From the foregoing considerations, two questions of vital importance seem now to arise:

1. Is it sound policy for the state to finance with increasing appropriations five growing state universities, each preparing independently and urging competitively for its own budget, quite regardless of any general overview and coordinated program from the planning, maintenance, and necessary development of state-supported higher education in Ohio? Is it likely, or possible, that the state will or can continue much longer this policy of "laissez-faire" in dealing with the problem?
2. If not, should not the Ohio State University, through its President and Board of Trustees, make proposals to the other state universities, to the incoming Governor, and the General Assembly of Ohio, looking toward a soundly planned program for the financing and necessary development of state-supported higher education as a whole, avoiding uneconomical duplication of educational offerings and facilities where possible, coordinating the work of the institutions in a logical scheme for the on-going and growth of each one, precluding competitive local pressure upon the Legislature and uniting the forces of friends, alumni, parents, and other supporters of all the institutions behind the sensibly and economically programed needs of each?

In the effort to express in definite terms some solution of the problems raised by the foregoing, the following premises are proposed for consideration:

1. The opportunities and responsibility of the State of Ohio to meet the educational needs of Ohio youth are evident and compelling. The steadily increasing demand of the people for the training of their children in the public schools and the public-supported universities will not cease; and unless it is met by the generous and intelligent development of the existing institutions, new ones will be demanded and created with expensive duplication of plant, equipment and personnel—probably in the rise of a costly system of inferior junior colleges such as now exist in many states. Ohio is fortunate in the geographical location of its five state universities which provide the opportunity for advanced general education close at hand to the youth in each large and closely-populated section of the state. The need is for a coordinated program of nurture and support which will strengthen each of the five state universities within the limits of its own best competence and reasonable public demand. At the same time the conclusion is inescapable and must be frankly faced by all concerned that the state cannot and should not embark upon the impossible purpose to build five equally large, highly specialized and all-equivalent universities capable of comparison with such single outstanding institutions in surrounding states as the University of Michigan, the University of Wisconsin, the University of Minnesota, the University of Illinois, and the like.
2. The Ohio State University, with its long and well-established plant, facilities, and specially trained personnel, is the logical place for the further specialized development of graduate work at the Ph.D. level; for technological training such as engineering and agriculture; and for professional education such as law, medicine, veterinary medicine, dentistry, pharmacy, etc. Accordingly, the Ohio State University will shift its developmental emphasis

into these areas and away from junior college work in liberal arts, education, business and commerce.

3. The other state universities will find their areas for constructive expansion in liberal arts (including fine arts), education, business and commerce through the four-year undergraduate curriculum leading to the bachelor's degree, and in graduate work for the master's degree in liberal arts, education, and commerce—but will not seek extension into the Ph.D. degree in any area, or the development of professional and technological curricula.

Except as some such agreement is arrived at by friendly and cooperative consultation among the five state universities, there is danger in the whole cause of efficiency and economy in state-supported higher education in Ohio, to the rightful and necessary development of the institutions concerned, and thereby to the educational advantages of the youth of Ohio who deserve opportunities second to those of no other state.

After discussion of this memorandum and other questions of mutual concern including the need of some acceptable plan of cooperation among the five state institutions, President Upham of Miami University suggested the formation of an Inter-University Council for the purpose of considering questions of common interest to all; and thereupon the following motion, made by President Karl C. Leebrick of Kent State University and seconded by President James of Ohio University, was adopted by unanimous vote:

"There be and is hereby established an Inter-University Council, as an advisory and consulting body, to consist of one member of the Board of Trustees, the President and the Business Manager of the Ohio University, Miami University, Ohio State University, Kent State University and Bowling Green State University to meet regularly at least four times a year; the purpose of said Council being to consider questions of common interest and concern, and to formulate, in the interest of efficiency and economy, a coordinated program of nurture and support which will strengthen each of the five state universities within the limitations of its own best competence and reasonable public demand."

Thereupon it was decided by unanimous agreement that such Inter-University Council should be considered in session at that time, subject to the later approval of the Boards of Trustees of the respective five state universities and the later appointment of one member from such Board to serve as a member of the Council.

Upon motion of President James, seconded by President Upham, Dr. William McPherson was unanimously elected to serve as Chairman of the Inter-University Council, and Mr. Morrill to serve as its non-member Secretary.

President Upham moved, with President Williams seconding the motion, that it is the sense of the Inter-University Council that:

"The conclusion is inescapable and must be frankly faced by all concerned that the State of Ohio cannot and should not embark upon the impossible purpose to build five equally large, highly specialized and all-equivalent universities worthy of comparison with the single, outstanding state universities in surrounding states."

This motion was unanimously adopted.

President James moved, with Mr. Steeb seconding the motion, that:

"The Council instruct its members to return to their respective institutions and proceed immediately to the consideration of next steps to carry out the program of coordination among the state universities, hitherto agreed to, such members to report back to this Council their recommendations at the earliest possible date."

This motion was unanimously adopted.

These significant actions by the newly-formed Inter-University Council gave unprecedented recognition to the problem which confronts the state universities and the General Assembly of Ohio. They revealed the cooperative determination of the state universities to aid the state in the interest of efficiency and economy beginning with this biennium and during the years to come. They proclaimed the pre-eminent place to which the Ohio State University must attain if the State of Ohio is to offer graduate, professional and technological training for the youth of Ohio equal to that afforded the youth of other states worthy to be compared with Ohio.

Later meetings of the Inter-University Council have been held, concerned largely with budgetary questions and relations with the General Assembly of Ohio. The Ohio State University memorandum, proposing an outline for the coordination and development of the future programs of the five state universities, was referred back to each of the other four universities for later consideration. President James of Ohio University, for example, stated that his university probably would propose to draft a memorandum of its own as a contribution toward the formulation of a mutually acceptable program for state-supported higher education in Ohio. He suggested that the presidents of the other universities might find it desirable to do the same thing in order that from these various statements of policy, as prepared by different universities, certain principles might be selected upon which all could agree. He stated his opinion that each university should have a part in drafting the state program as a whole, so that such program, when finally adopted by all the universities, could be satisfactory to the faculties and trustees, the alumni, and public constituencies of each of the universities.

It must be evident from the foregoing that a vital problem of state policy, long neglected, will now receive constructive attention from those most interested and best qualified to undertake a solution—namely, the trustees, administration and faculties of the state universities themselves. The Ohio State University has some pride and satisfaction in having acted as the proponent of this important issue in the progressive on-going of state-supported higher education in Ohio.

Alumni Relations

The year just closing has witnessed the most active interest in the alumni relations in the history of the University. John B. Fullen, the Executive Secretary of the Ohio State University Association, has been primarily responsible for arousing this interest and guiding it.

During the year the Ohio State University Development Fund launched its program with an organization meeting in November and its first campaign in the spring of 1939. The launching of this program is epochal. For the first time in the history of the Ohio State University it has been organized, under the stimulus of its alumni, to enlist the support of its friends in a permanent giving program. In the future the alumni and other friends of the University will be encouraged to participate in the development of the University through gifts wisely allocated to help point the direction of its future development.

This program of the Ohio State University Development Fund was most carefully thought out. Full consideration was given to the experience of other universities and to trends indicated in recent events.

The Faculty Study of Urgent University Needs, reported in the President's Report for 1937-38, provided the basis of the Project List which sug-

gested the objectives of the first annual campaign program. All of the needs listed in the Development Fund's Project List were described so as to acquaint friends with the activities of the University, perhaps as this has not been done before, and so presented as to appeal to their sympathetic interest. The objective of the first annual program was \$75,000. Needs listed include: (1) Forty-six pieces of research apparatus and other equipment; (2) Special Library needs; (3) a President's Emergency Fund; (4) Student Loan Funds, scholarships and fellowships; (5) a portrait in oil of Dr. George W. Rightmire; (6) a Joseph V. Denney Memorial Shakespeare Collection.

The first annual campaign was launched in March 1939. As this report goes to the printers 2400 persons have contributed just under \$60,000 toward the \$75,000 objective.

To the members of the Board of Directors, and especially to Harry R. Drackett, the chairman of the Board, and also to John B. Fullen, the Executive Secretary of the Ohio State University Association, the University owes a sincere debt of gratitude.

To assist Mr. Fullen in his increased duties, D. E. Proctor has been appointed Assistant Executive Secretary of the Development Fund and Pat J. Kirwin, Assistant Secretary of the Ohio State University Association.

New Alumni President Elected

In the election of Charles W. Racine, Arts '20, Law '22, Toledo, Ohio, the 7500 members of the Alumni Association have selected an outstanding man. Mr. Racine is a member of the Toledo law firm of Williams, Eversman and Morgan. He was president of the Ohio State Bar Association two years ago, and was a delegate to its national convention last summer. He has long been very active in alumni affairs of Lucas County, having been president and a long-time member of the Governing Board of that group.

He succeeds in the alumni presidency Dr. Charles F. Scott, Arts '85, Professor Emeritus of Yale University. During Dr. Scott's able two year regime as president of the Association the University witnessed a real upsurge in alumni activity. During that time the Development Fund was conceived and organized, the district alumni organization dividing the alumni clubs into districts was perfected, and the alumni initiated the new men's dormitory project on the campus.

The University can feel proud of its alumni who have brought their organization into fine new maturity and effectiveness. This is a promise of increasingly good works for the University to supplement the many other good services which they have performed over the years.

Franz Theodore Stone Laboratory

The University has realized at length its ambition to place upon a full-time, year-round basis of operation the Franz Theodore Stone Laboratory on Gibraltar Island in Lake Erie. From the beginning it was the hope of Dr. Julius F. Stone, donor of the island and former University Trustee, that the Laboratory might serve not only the historic function of summer lake laboratories in providing the opportunity for teaching and research during the summer months but that it might also carry on investigations of the biological and ecological conditions of the Lake Erie region throughout the year and to the end that all climatological factors affecting fresh water life might be continuously studied. The expanding research program of the Laboratory,

under the energetic direction of Dr. Thomas H. Langlois, a slightly increased allowance from University funds and generous assistance from the State Division of Conservation, have now all combined to make possible full-time operations upon a restricted basis.

Until July 1, 1938, the Director was the sole full-time staff member at the Laboratory. Dr. Charles F. Walker, ornithologist and herpetologist, joined the staff on July 1, 1938, to carry on studies of fish-eating and other birds as well as the reptiles and amphibians of the region. Dr. Walker conducts course work in his subjects during the Summer Quarter, and is an associate professor. Dr. David C. Chandler, limnologist, joined the staff in October, 1938, to carry on studies of Lake Erie and its plankton and to present a course in limnology. Mrs. Chandler, a trained and experienced librarian, assumed charge of the library in the fall of 1938. The following additional staff members were added to the staff through financial aid of the State Division of Conservation, cooperating with the University: Dr. Ira T. Wilson to study sedimentary deposits in Sandusky Bay; Kenneth Doan to study the smallmouth bass of Lake Erie and cycles of abundance of other Lake Erie fishes; Leonard Bodenlos to study the chemistry of Lake Erie waters. In addition, the Conservation division supplied a man to study fish scales, and a secretary. A Fish Management Agent, James Edmister, who is a trained biologist, was also stationed at the Stone Laboratory.

Director Langlois reported that the expanded research program inaugurated during the academic year, 1938-39, included such fundamental investigations as hydrosol and biology studies of bottom deposits and bottom organisms in Sandusky Bay and the Bass Island region of Lake Erie; studies of the annual cycle of fluctuations of abundance of plankton; of the effects of turbid water on photosynthesis of leafy aquatic plants; the statistical study of commercial fishing, with emphasis on cycles of shifting ratios of important species; migrations of commercial species of fish and various physical and embryological investigations of fish species. Attention has been given also to the colony organization and social behavior of common terns on Starve Island and the effect of weather on bird migrations in the region.

The teaching program for the Summer Quarter of 1938 included courses in fresh water algae, physiological methods as applied to aquatic plants, and higher aquatic plants, advanced entomology, limnology, nutrition of invertebrates, biology of fishes and comparative embryology. The curriculum was modified in the quarter beginning June 19, 1939 and the following courses were offered: plant taxonomy, plant ecology, advanced entomology, aquatic entomology, climatology, invertebrate zoology, ichthyology, animal parasitology, limnology, field biology, advanced ornithology, herpetology, comparative physiology of fishes.

During the summer of 1938 many extra curricular lectures dealing with various phases of hydrobiology were presented by outstanding scientists of the United States and Canada. The extra lectures presented during the Summer Quarter of 1939 all touched upon some aspect of ornithology except a series of two each week presented by Professor J. E. Carman of the geological history of the Bass Island region.

Working and living facilities were tremendously improved between July 1, 1938 to June 30, 1939. A submarine cable was laid to Gibraltar Island to carry alternating current electricity from South Bass Island. The old Delco room was finished over and used as the physiology laboratory, while the storage

battery alcove became the chemical storeroom. The southeast quarter of the ground floor of the laboratory was opened up by removal of partitions and painted and made into a fine laboratory. The dining hall kitchen was rearranged for greater efficiency. Unsuitable beds in the dormitories were replaced by new and better ones.

The Oak Point House, a former club house with eleven bedrooms, was acquired by lease from the Ohio Division of Conservation at a nominal rental, and was equipped for summer use. A faculty residence was donated by Dr. Julius F. Stone.

New laboratory equipment acquired during the year 1938-39 included two new chainomatic balances, soil analyses kit, Sharples centrifuge, autoclave, constant temperature apparatus, Clarke plankton trap, thermograph, microscope, Divinhood, multigraph, scale study machine and additional aquaria. The library received many new books and periodicals. A four and one-half-inch Brashear telescope was acquired for installation on the tower of the Cook Castle.

The Ohio State University Research Foundation

Founded in 1936, the Ohio State University Research Foundation, despite the tragic death of its Director on November 16, 1938, Mr. Hurlbut S. Jacoby, has made impressive forward strides during the current academic year.

As the first executive officer of the Research Foundation, Mr. Jacoby "laid the ground work for a comprehensive program of research to the mutual advantage of the University and industry in Ohio and of the Nation," in the words of a memorial adopted by the University Faculty. He was a person of friendly nature, of rare professional capacities and of unrelenting energy and industry in the prosecution of his work. At the time of his sudden death the difficulty of finding a worthy successor to carry on the work of the Foundation seemed almost insurmountable. A nation-wide canvass resulted happily, however, in the selection of Dr. A. R. Olpin to take Mr. Jacoby's post; and universal confidence is now expressed that the constructive pioneering of Mr. Jacoby has been soundly consolidated as the basis for new development and new expansion of the Foundation program under the intelligent and progressive leadership of Dr. Olpin, the new Director.

Dr. Olpin, a native of Utah, is a graduate of Brigham Young University, a former teacher there, later the holder of a teaching fellowship in physics at Columbia University from which he received the Ph.D. degree in 1930. Eight years with the Bell Telephone Laboratories in research on photoelectric cells and approximately six years in textile research are evidences of Dr. Olpin's interest and capability in the application of physics to the problems of industry. During 1937-38, he served as Associate Editor of the *Journal of Applied Physics*. He, therefore, brings to his work not only the results of intensive specialization in physics but also a background of practical experience in the solution of industrial problems through the resources of science and scientific method.

The Ohio State University Research Foundation has been committed from the beginning to the following purpose: "to promote educational objectives by encouraging, fostering, and conducting scientific investigations and industrial research; by training and developing persons for the conduct of such investigations and research and by acquiring and disseminating knowledge in relation thereto."

That this purpose is being substantially realized is made manifest by the fact that the Foundation during the current year has been able to establish nine part-time graduate and three full-time post-graduate fellowships in arts and sciences; 14 part-time graduate, one full-time graduate and one full-time post-graduate fellowships in engineering; three part-time fellowships in medicine; and one part-time fellowship in veterinary medicine. In addition, funds were provided for many special part-time scientific investigations conducted in University departments in which no fellows were appointed but in which students and researchers received valuable training.

The Foundation conducts annually an Industrial Research Conference attended by leading executives in Ohio industry, members of the Faculty, representatives from other universities, foundations, societies and industries from outside the state. The speakers at this Industrial Conference in November, 1938 included Mr. Clarence Francis, President of the General Foods Corporation, and Mr. Charles R. Hook, President of the American Rolling Mill Company. The foundation likewise sponsors a series of lectures during the school year for members of the Faculty and student body and special guests. On December 15, 1938, Dr. Gustav Egloff, President of Universal Oil Products Company of Chicago talked on the subject of "Research on Motor Fuels." On April 27, 1939, Dr. J. A. Becher of the Bell Telephone Laboratories addressed a campus audience on the subject "The Electron Microscope."

Under the arrangements for cooperative investigations, the industrial partner, or cooperator, agrees to purchase or otherwise supply needed research apparatus not already available in the laboratories of the University. Unless otherwise provided, this apparatus becomes the property of the Foundation when the work is completed. Inasmuch as the Foundation has no laboratory of its own it has followed the practice of leaving this equipment in the laboratories of departments conducting investigations and in this way much valuable research equipment has been acquired for the general scientific uses of the University. An indication of the fact that industrial cooperators are well satisfied with the quality of research in progress at the University under Foundation direction is found in the fact that 14 of the 20 major contracts terminating during the year have been renewed. The Foundation and the University are fortunate not only in the leadership of Dr. Olpin, the Research Director, but also in the prestige and active interest of the President of the Foundation, Dr. Julius F. Stone, himself a scientist and patron of science, until recently a distinguished member of the University Board of Trustees, and a generous benefactor of many important scientific enterprises on the campus.

Convocations

Following the custom of recent years the University held four Convocations during the year, one at the end of each quarter. The Convocation speakers and the number of graduates at each of these are as follows: Summer 1938—speaker, Charles E. MacQuigg, Dean of the College of Engineering; number of graduates, 668. Autumn 1938—speaker, C. C. Stillman, Director of the School of Social Administration; number of graduates, 263. Winter 1939—speaker, John F. Cunningham, Dean of the College of Agriculture; number of graduates, 234. Spring 1939—speaker, William McPherson, Acting President; number of graduates, 1782. The total number of graduates for the four quarters was 2947 and this is the largest number of degrees ever conferred by the University in any one year.

Gifts to the University

A list of the gifts for general and designated purposes will be found in the Appendix. By reference to the list, it will be seen that the total sum of the gifts amounted to \$296,651.62. Notable among the gifts of the year for endowment, research and scholarships are the following:

| | |
|---|-----------|
| American Petroleum Institute—Investigation of Pure Hydrocarbon..... | \$ 17,000 |
| Rockefeller Foundation—Radio Evaluation Study..... | 38,700 |
| Rockefeller Foundation—Research in Physiology..... | 7,500 |
| Nathaniel W. Lord—Library Fund..... | 2,000 |
| Phi Beta Kappa Fund..... | 1,000 |
| The Comly and Coleman Fund for Medical and Surgical Research..... | 200,000 |
| School of Social Administration Associates Scholarship..... | 1,000 |

Conferences and Conventions Held During the Year

The University campus is rapidly becoming a center for many important state and national meetings of great significance. The following, taken from a much larger list, will convey some idea of the character and nature of the meetings held during the year 1938-1939; School Health Institute; Progressive Education Institute; Visual Instruction Institute; American Psychological Association and six affiliated groups; Journalism Association of Ohio Schools; Industrial Research Conference; American Political Science Association; Ohio Veterinary Medical Association; Ohio Institute on Family Relations; Vocational Information Conference for Women; Ohio Valley Sociological Association; Ohio State Historical Conference; Ohio Society for the Promotion of Engineering Education; Ohio Home Economics Association; Southern Ohio Conference of Y.W.C.A.; Industrial Management Institute; Institute on Education by Radio; Ohio Society of Pathologists; Vocational Agriculture Conference; Future Farmers of America Convention; Farmers' Week (attendance 11,260, registrants representing every county in Ohio, twenty-four other states, Canada and Italy); and the Ohio State Association for Applied Psychology. All of the above named were largely attended and great interest was shown in their programs.

These gatherings distributed through the year serve not only to create more vivid interest in the departments involved for both instructors and students, but greatly widen the influence of the University and increase its many-sided contributions to the welfare of the state.

Institutes Sponsored by the College of Commerce and Administration

The College of Commerce and Administration held during the year a number of Institutes of so much importance as to deserve a brief description of each.

Institute on Credit—October 7, 8, 1938

Sponsored by: The College of Commerce and Administration, and the Ohio State University with the cooperation of Associations of Credit Men in the Middle West and Retail Credit Bureaus and Associations of Ohio.

Attendance estimated at 537—409 of whom were present at the banquet.

Branches and Professions represented: Manufacturing, Wholesaling, Retailing, Banking, Retail Merchants Associations, Associations of Credit Men, Mercantile Agencies, Newspapers and Radio Broadcasting, Finance other than

Commercial Banking, Faculty from the Ohio State University and other Colleges, and Ohio State University students.

Seventy-one towns and cities were represented, 47 of which are in Ohio.

Nineteen speakers on the program, who came from New York, Cleveland, Detroit, Washington, D. C., St. Louis and Columbus.

Ohio Conference of Statisticians on Business Research—November 12, 1938

Sponsored by: The Bureau of Business Research, The College of Commerce and Administration, The Ohio State University.

With the cooperation of: Officers of the Ohio Conference of Statisticians. Attendance, 191.

Conference of Executives of State and Local Trade Associations—June 26, 27, 1939

Sponsored by: The Department of Business Organization; The College of Commerce and Administration, the Ohio State University and the Ohio Association of Trade Executives.

Attendance: 54.

Institute on Accounting—May 19, 20, 1939

Sponsored by: The Department of Accounting, The College of Commerce and Administration, the Ohio State University.

Attendance: 265.

Represented in attendance: Public Accountants, Industrial Accountants, Corporate Officials, Public Officials, Ohio State University and other University officials and instructors.

Attendance from: Ohio, New York, West Virginia, Michigan, Illinois, Indiana, Iowa, New Jersey, Pennsylvania.

Post Collegiate Assemblies

During the year the professional colleges named below held what may be termed "Post Collegiate Assemblies" or "Post College Conferences." The program of these conferences consisted of "round table" discussions, clinics, and especially of addresses by eminent scholars on recent advances in their special fields of work. The conferences attracted large numbers of alumni of the colleges as well as others interested in the subjects under discussion.

The College of Medicine

The sixth Post Collegiate Assembly was held March 1, 2, 3, 1939, this year being chosen because it commemorates the 105th anniversary of the founding of the College of Medicine. Four hundred alumni and guests attended this Assembly. The residents of the hospital presented a number of case reports and accounts of newer scientific technique of great interest, while the heads of various departments presented summaries of research carried on in their respective fields during the preceding twelve months. A number of distinguished guest physicians also addressed the Assembly. In addition to the round table meetings and clinics, 137 papers were presented. These have been printed in a single volume and distributed to all those registered as in attendance.

The College of Veterinary Medicine

The 12th Annual Veterinary Conference, or Post Collegiate Assembly, was held at the University June 14, 15 and 16, 1939. These conferences have increased both in attendance and in general interest year after year and constitute a very important part of the educational program of the College for the benefit of those interested in veterinary science. The total number of registrants for this year was 384. As evidence of the reputation of these conferences it is only necessary to say that no less than 24 states and two foreign countries were represented by those in attendance.

The College of Pharmacy

The first Post Collegiate Assembly of the College of Pharmacy was held on June 9, 1939. The speakers were all eminent scholars in their special fields of work. Representatives of the following pharmaceutical manufacturers were listed on the program: Parke Davis and Company, E. R. Squibb and Sons, Eli Lilly and Company, and the Upjohn Chemical Company. In the evening a banquet was held with appropriate after-dinner speaking. While this meeting was the first one sponsored by the College of Pharmacy, its success will result in annual meetings of the Assembly.

The College of Dentistry

The College of Dentistry held its first Post Collegiate Assembly on April 12 and 13, 1939. More than 700 alumni of the College and others engaged in the practice of dentistry attended the meetings. The clinics were of special importance. One of the sessions was given over largely to honoring Dr. H. V. Cottrell and Dr. W. C. Graham, two prominent faculty members of the College who reached the retirement age July 1st.

Institute of Mine Management

Among the various institutes held at the Ohio State University during the year the one on "Mine Management" deserves special notice for the reason that it operated during a four weeks period and was the first of its kind to be held in our state. Professor H. E. Nold, chairman of the Department of Mine Engineering, was director of the institute and he reports as follows concerning its character and work. "The Institute was organized and offered in response to a direct request from Mr. R. V. Clay, General Manager of the Hanna Coal Company and his staff of operating officials. Their reasons for requesting the Institute can be summarized as follows: First: the rapid expansion of mechanization in coal mining is creating an increased demand for the use of graduate engineers in the positions of section foremen, mine foremen, and mine superintendents. In order that these technically trained men shall be efficient and effective in the positions above referred to, they must be willing to go under-ground for a considerable period of time, say from 6 to 18 months, in the capacity of laborers, in order to acquaint themselves with the details of the various activities carried on in the mine. There are now young men, technical graduates, who are willing and anxious to undertake such a period of training. In the past the industry has not been as successful as desired in training these men, largely because the present section foreman and mine foreman, who have risen from the ranks, refuse to cooperate, thus making it difficult for the men to learn as rapidly as they should be able to do. It was hoped that an Institute on Mine Management attended by section fore-

men and mine foremen and held on the campus would help to break down the prejudices of these men against college graduates. Second: the section foremen and the mine foremen now in charge of the underground coal mining operations, due to lack of education and due to close confinement in one environment, are not now as completely effective as they might be. They seem to have lost sight of the relation of their industry to other industries and to society and are too much confining their efforts to the handling of details of operation as they occur from day to day in the mines."

The expenses of the Institute were met by a registration fee of \$5 paid by each member enrolled. Listed on the program were speakers from various fields of industry associated with mining and members of the faculty of the Ohio State University. With few exceptions all these gave their service free and the University expresses its great appreciation of their willingness to render this service. That the Institute was a great success is shown by the many letters written to the director by those interested in mining welfare of our state.

The Cyclotron

Much interest is centered in the cyclotron now being constructed and especially in the character of the research work which this instrument will make possible. The cyclotron consists essentially of a large electro-magnet weighing about 90 tons together with much auxiliary equipment, and is second in size only to the one recently built at the University of California. The equipment is being installed in the Engineering Experiment Station where space for it was provided by Dean C. E. MacQuigg. The construction and assembling are being carried on by the technical staff in the Department of Physics under the supervision of Professor Alpheus W. Smith and Professor M. L. Poole with the help of the technicians in the Service Department under the direction of Mr. Paul Elleman. The funds so generously supplied by Mr. Julius F. Stone for the construction of the cyclotron have been supplemented by other gifts and by funds from regular University sources. The cost of the entire equipment including the labor of the technical assistants will amount to about \$40,000. In regard to the use of the apparatus, Professor Smith makes the following statement: "When the installation of the apparatus has been completed, the University can assume a commanding position in this field of research. It will be possible for those interested in the biological sciences to make a series of important investigations which are now closed to them. Those interested in nuclear physics and chemistry and allied fields will be able to assume an important place on this frontier of knowledge and insure for the University a leadership and prestige in this field not unlike that now enjoyed by other great universities. The cooperation of these different departments and interests on this project should be a stimulating example to other interests in formulating fundamental research programs in the University. The sincere appreciation of the University is due to Mr. Stone for making possible such an important research program."

Welding Engineering

Notable among the additions to the various departments of the College of Engineering is the new Welding Engineering curriculum. The inauguration of this curriculum was made possible by the generosity of a prominent alumnus (who desires to remain anonymous) with the additional support of prominent

manufacturers interested in the various fields of welding. Mr. James R. Stitt, a graduate of Pennsylvania State College, was engaged to organize the work embodied in the new curriculum and reported for duty in November 1938.

Welding Engineering has not been given elsewhere as a separate curriculum so that the College of Engineering of the Ohio State University becomes a leader in instruction in this new and distinctive work. To show the important part that welding is playing in engineering, it is only necessary to say that at the present time there is practically no industry using iron or steel in its manufacturing products that does not use welding as one of the chief means of fabrication, most industries using one or more methods of welding in manufacture or maintenance. It was the recognition of this fact that led to the offer of our curriculum in Welding Engineering. Electric, gas, resistance, in fact, all types of welding are in the field covered by this curriculum.

Greek Week

The Greek fraternities having chapters in our University have long felt the importance of holding a series of meetings on our campus for the discussion of subjects of common interest to all the chapters. Meetings of this character have been held in a number of universities and have attracted wide attention in the fraternity world. Accordingly, Mr. Stecker, Assistant Dean of Men, arranged a similar program at our University under the general name of "Greek Week." This meeting was held on the University campus October 20 to 23, 1938 and proved to be the largest inter-fraternity gathering ever held. Fifty-five national officers reported. Forty-three of Ohio State's national social fraternities gathered on our campus to discuss with undergraduate members and visiting college administrators the means of fostering a better understanding of fraternities and their purpose in the educational scheme. Over eleven hundred men attended the convention banquet held in the Men's Gymnasium Building at the close of the program and many more would have attended had it been possible to accommodate them. Mr. Russell C. MacFall of New York City, chairman of the National Interfraternity Conference, was the principal speaker.

The success of this first meeting promises to make Greek Week an annual event on our campus open to the members of the chapters in all Ohio colleges and universities.

Graduate Scholarships and Fellowships

The number of graduate scholarships and fellowships provided either by the University or from outside sources continues to grow. The list for the year 1938-39 is as follows:

A. Paid from Graduate School A-1 funds

| | Number | Total Amt. |
|----------------|--------|------------|
| Fellows | 12 | \$ 5,360 |
| Scholars | 23 | 5,516 |
| Totals | 35 | \$10,876 |

B. Paid from the income from gifts of money deposited
in the State Treasury

| | <i>Number</i> | <i>Total Amt.</i> |
|---|---------------|-------------------|
| Elizabeth Clay Howald Scholarships..... | 2 | \$ 6,000 |
| Stillman W. Robinson Fellowship..... | 1 | 750 |
| Lumley Memorial Fellowship..... | 1 | 1,060 |
| Lamme Scholarships..... | 2 | 900 |
| N. W. Lord Fellowship..... | 1 | 750 |
| John A. Bownocker Scholarships..... | 3 | 1,350 |
| Totals | 10 | \$10,810 |

C. Provided by various industrial organizations and in-
dividuals

| | | |
|---|-----------|-----------------|
| Battelle Memorial Institute Fellowships..... | 3 | \$ 1,800 |
| U. S. Steel Corporation Research Fellowship..... | 1 | 2,000 |
| Du Pont Fellowships | 2 | 2,750 |
| National Paving Brick Association Fellowship..... | 1 | 2,700 |
| Stark Brick Company Fellowship..... | 1 | 800 |
| H. A. Toulmin, Jr. Fellowship..... | 1 | 675 |
| Kaolin, Inc. Fellowship..... | 1 | 1,500 |
| Julius F. Stone Scholarship..... | 1 | 330 |
| Bissell Scholarship | 1 | 84 |
| Procter and Gamble Fellowship..... | 1 | 1,000 |
| Hall Laboratories, Inc. Fellowship..... | 1 | 900 |
| American Petroleum Institute Research Foundation Fellowships | 4 | 1,700 |
| George Davis Bivin Fellowships..... | 2 | 600 |
| Ohio Seed Improvement Association Fellowships..... | 2 | 1,800 |
| Jansky and Bailey Fellowship..... | 1 | 300 |
| National Aluminate Fellowship..... | 1 | 775 |
| Wallace and Tiernan Fellowship | 1 | 480 |
| Eli Lilley & Company Fellowship..... | 1 | 900 |
| Standard Containers, Inc. Fellowship..... | 1 | 1,500 |
| Dairy and Ice Cream Machinery & Supply Company Fellowship | 1 | 550 |
| Pittsburgh Coal Carbonization Co. Fellowship..... | 1 | 800 |
| Ohio Public Health Association Scholarship..... | 1 | 200 |
| Texas Mining & Smelting Co. Fellowships..... | 2 | 2,000 |
| Sherwin Williams Company Fellowships..... | 3 | 3,020 |
| Roses, Inc. Fellowship..... | 1 | 600 |
| Social Administration Scholarship..... | 1 | 100 |
| Guernsey Cattle Club Fellowship..... | 1 | 750 |
| Kincaid Fellowship..... | 1 | 135 |
| Austenal Laboratories Fellowship..... | 1 | 900 |
| American Wildlife Institute Fellowships..... | 2 | 1,440 |
| Orton Memorial Foundation Fellowship..... | 1 | 600 |
| Totals | 43 | \$33,680 |

New Buildings

A number of new buildings have either been completed or are in process of completion during the year. For the most part their construction has been made possible through the aid of the Federal Government. These buildings include a new residence hall for women with a capacity of 250 and two residence halls for men with a total capacity of 550. When these buildings are completed the residence halls and dormitories on the campus will house approximately 750 women and 900 men.

The Stadium Dormitories have attracted wide attention and undoubtedly constitute one of the most successful low cost housing achievements on the campus of any American university. They have a capacity of approximately 400. The demand for admission to these dormitories is far in excess of their capacity and preference is given to freshmen who come highly recommended by their teachers. Moreover, no one can retain his place as a resident of the dormitory unless he proves himself to be a satisfactory student. A fine spirit prevails throughout the dormitories.

The following information concerning the new residence halls and other buildings in process of construction has been furnished me by Mr. Howard Dwight Smith, University Architect:

New residence halls for men and extension of residences for women, financed by revenue bonds and grants of Federal aid through P.W.A., form the major portion of current new building activities.

While a novel arrangement of cooperative housing has been provided under the seat banks of Ohio Stadium for a limited number of selected men students since 1934, no regular residence halls for men have been provided on the campus since the old "North Dorm," at Eleventh and Neil, was abandoned in 1912 to make way for the beginnings of the Medical Center. The past year has seen a fourth unit for 120 men of the Stadium Dormitory prepared for occupancy in October 1939.

Of considerable significance, however, is the preparation for resumption of the traditional type of men's residence hall on the campus by the construction of a five-story unit in the open area between Eleventh and Twelfth Avenues, east of Ohio Union. This unit will accommodate 550 men in what is generally referred to as "medium-cost" housing, using the most modern methods of planning and equipment in this field. This is the largest single building operation on the campus since the building of the Men's Gymnasium in 1930.

Housing for women students has been provided since 1908 when Oxley Hall was built. The present extension of Mack Hall, residence hall for women, adds accommodations for 250, doubling the residence capacity for women on the campus. These new halls are to be completed by June 1940.

An addition to the Journalism Building to be occupied in September 1939 provides added space for student publications, new quarters for the United States Post Office, University Station, the University mailing room and central mimeograph service adjacent to the University print shop.

A gift from the Faculty Club, supplemented by a grant of Federal aid through P.W.A., has made possible the erection of a new building on the south side of the oval, east of Mirror Lake, known officially as the Faculty Assembly Unit. It will house the Faculty Club, and provide convenient meeting place for committees, conferences and other groups generally interested in University affairs.

Other new facilities made available during the year include the new Dispensary and Isolation Wing of the University Hospital; a drama laboratory in the form of a "little theater," constructed in the central court of Derby Hall; an instruction and laboratory building for Poultry Husbandry on the University farm; and an extensive addition to the Horticulture Greenhouses.

General Considerations

Looking back over the year, one cannot fail to recognize that the University has continued its onward march. The total enrollment of students was 18,067—an increase of 4 per cent over the preceding year—the largest number ever registered in the University during any year in its history. The Legislature was as generous to us as could be expected under the present financial conditions of the state. The expenditure for lands, buildings and improvements amounted to \$338,522 (see appendix for details)—a sum exceeding the combined total expenditure for the same items in the five previous years. The inception of such projects as the University Development Fund, the Inter-University Council and the Ohio State University Retirement Income Plan must be regarded as of outstanding importance by everyone. Gifts have been generous and promise to increase from year to year.

But even more important than the material advance has been the fine spirit maintained by faculties and students alike—a spirit of high scholarship, research, and cooperation. The faculties include among the members their share of scholars of national reputation who have attracted students from many other states than our own as well as from foreign lands; and it would be difficult to find a more serious-minded group of teachers and students alike on the campus of any college or university than we find on the campus of the Ohio State University.

At the close of this year I wish to express my profound appreciation to the members of the Board of Trustees, to the administrative staff, to the Deans of the Colleges and the members of the several faculties as well as to the student body for their invaluable help and kindly cooperation. While our University like all others will meet from time to time with many problems difficult of solution, nevertheless it has reached such a state of development that nothing can prevent a steady progress and a large effectiveness.

Respectfully submitted,

WILLIAM MCPHERSON, *Acting President.*

SUMMARY OF THE FINANCIAL STATEMENT FOR THE YEAR ENDING JUNE 30, 1939

(A complete detailed Financial Report for the year ending June 30, 1939, is printed in separate form and may be had upon application).

THE OHIO STATE UNIVERSITY OFFICE OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 1, 1939.

HON. M. EDITH CAMPBELL,
*Chairman of Board of Trustees,
The Ohio State University.*

The financial statement presented herein is that part of the Annual Report of the Board of Trustees to the Governor of Ohio, which shows the financial condition of The Ohio State University for the fiscal year ended June 30, 1939.

CARL E. STEEB,
Secretary.

Consolidated Statement BALANCE SHEET

| ASSETS | |
|--|------------------------|
| Current Assets | |
| Cash—General | \$ 91,224.24 |
| Cash—Restricted | 826,955.93 |
| Cash—Student Aid | 1,069.06 |
| | \$ 919,249.23 |
| Deposits | 454.00 |
| Inventories | 346,916.30 |
| State Appropriations | 2,097,449.38 |
| | \$ 3,364,068.91 |
| Investment Assets | |
| State Treasurer (Endowments) | \$ 1,586,973.17 |
| University Treasurer (Endowments) | 1,200.00 |
| University Treasurer (Trust Funds) | 15,647.34 |
| | \$ 1,603,820.51 |
| Educational Plant | |
| Lands | \$ 2,437,164.31 |
| Land Improvements | 1,590,275.92 |
| Ohio Stadium | 1,803,596.01 |
| Buildings | 12,018,993.59 |
| Equipment of Departments | 6,815,156.31 |
| | \$24,665,186.14 |
| Total Assets | \$29,663,075.56 |

LIABILITIES

| | | |
|--|-----------------|-----------------|
| Current Funds | \$ 1,266,619.53 | |
| Contingent Funds (State Appropriations) | 2,097,440.38 | |
| | <hr/> | \$ 3,364,068.91 |
| Principal of Endowment Funds | | |
| Funds for General Purposes.\$ 969,268.58 | | |
| Funds for Designated Purposes | 618,904.59 | |
| | \$ 1,588,173.17 | |
| Trust Funds | 15,647.39 | |
| | <hr/> | \$ 1,603,820.51 |
| Investment in Physical Plant..... | | \$24,665,186.14 |
| | | <hr/> |
| Total Liabilities..... | | \$29,633,075.56 |

INCOME AND EXPENDITURES

| | | |
|--|-----------------|---------------|
| Cash Balance July 1, 1938..... | | \$ 515,891.68 |
| Total Income for Year..... | \$ 9,493,933.74 | |
| Less funds paid to State Treasurer and not available for the University..... | 949.62 | |
| | <hr/> | |
| Total Available Income..... | \$ 9,492,984.12 | |
| Total Expenditures for Year..... | 9,089,626.57 | |
| | <hr/> | |
| Balance for the Year..... | | \$ 403,357.55 |
| | | <hr/> |
| Cash Balance June 30, 1939..... | | \$ 919,249.23 |

Income

INCOME FROM STUDENTS:

| | | |
|----------------------------------|-----------------|-----------------|
| Tuition and incidental fees..... | \$ 1,049,709.47 | |
| | <hr/> | \$ 1,049,709.47 |

INCOME FROM ENDOWMENTS:

| | | |
|------------------------------|-----------|-----------|
| For general purposes..... | 13,045.88 | |
| For designated purposes..... | 29,262.11 | |
| | <hr/> | 42,307.99 |

FEDERAL AID:

| | | |
|--|------------|--------------|
| Land-grant Act of July 2, 1862..... | 31,450.60 | |
| Land-grant Virginia Military Lands..... | 13,654.69 | |
| Additional Aid—Acts of Aug. 30, 1890, and March 4, 1907..... | 151,284.28 | |
| Agricultural Extension Work—Acts of May 8, 1914, July 24, 1919, and January 17, 1928 | 580,120.65 | |
| P.W.A. Construction Accounts..... | 424,613.50 | |
| | <hr/> | 1,201,123.72 |

STATE AID:

| | | |
|------------------------------|--------------|--------------|
| Current Expenses | 3,456,479.86 | |
| Capital Improvements | 173,308.74 | |
| Agricultural Extension | 217,654.47 | |
| | <hr/> | 3,847,443.07 |

GIFTS FOR CURRENT EXPENSES:

| | | |
|------------------------------|------------|------------|
| For designated purposes..... | 296,651.62 | |
| | <hr/> | 296,651.62 |

INCOME FROM OTHER SOURCES:

| | | |
|--|------------|------------|
| Agricultural Extension | | |
| Boys' and Girls' Club Work..... | 4,659.84 | |
| County Agents' Funds from Counties.... | 203,121.94 | |
| Farmers' Institute Funds from Counties.. | 18,300.00 | |
| Rotary | 2,971.89 | |
| | <hr/> | 229,053.67 |

Departmental Earnings

| | |
|-------------------------------------|------------|
| Clinic | 1,111.25 |
| Dental Clinic | 43,779.73 |
| Dispensaries | 726.19 |
| Engineering Experiment Station..... | 2,464.17 |
| Farm Rotary | 105,656.50 |
| Lantern | 8,473.13 |
| Laundry | 5,375.31 |
| Mechanics | 26,231.43 |
| Ohio Bioloigy Survey | 324.05 |
| Optometry Clinic | 5,364.63 |
| Starling-Loving Hospital | 230,026.31 |
| University Publications | 4,779.93 |
| Veterinary Clinic | 13,640.13 |

447,952.76

For Designated Purposes

| | |
|---|-----------|
| Abstract Fees | 9,817.50 |
| Class of 1931—Interest on Gift..... | 11.57 |
| Commutation of Uniforms..... | 37,062.73 |
| Equipment Rental | 75.00 |
| Home Economics Nursery..... | 1,406.27 |
| Laboratory Supply—Departmental Pro Rata | 72,499.41 |
| Library Fines | 528.33 |
| *Miscellaneous Sales | 949.62 |
| Physical Education Fee..... | 17,600.00 |
| Return of Loans..... | 3,855.73 |
| State Board of Education (Smith-Hughes) | 87,100.88 |
| Student Activities | 60,174.00 |
| University Health Service..... | 55,868.00 |
| Waste Materials | 401.18 |

347,360.22

Total Educational and General.....

7,461,602.52

DORMITORIES AND DINING HALLS:

| | |
|-------------------------------------|------------|
| Alumnae Cooperative House..... | 5,655.98 |
| Men's Cooperative Dormitories..... | 44,621.48 |
| Pomerene Refectory | 113,020.71 |
| Residence Halls for Women..... | 167,028.16 |
| Stone Laboratory Dining Hall..... | 3,242.82 |
| University Schools Dining Hall..... | 14,278.62 |
| Grace Graham Walker House..... | 3,690.81 |

351,538.58

COMMERCIAL ACCOUNTS:

| | |
|------------------------------|------------|
| Book Store | 179,881.54 |
| Meats Department | 62,804.52 |
| Photography Department | 12,140.85 |
| Print Shop | 84,908.80 |
| Telephone Account | 33,200.11 |
| Warehouse | 656,243.86 |

1,029,179.68

SUBSIDIARY COMMERCIAL ACCOUNTS:

| | |
|--|-----------|
| Dairy Department—Official Testing..... | 14,315.63 |
| Journal of Higher Education..... | 4,489.38 |

18,805.01

ATHLETIC DEPARTMENT

632,807.95

632,807.95

| | |
|--|--------------|
| Total Income | 9,493,933.74 |
| Less funds (*) paid to State Treasurer and not available for the University.... | 949.62 |

Total Available Income.....

9,942,984.12

Classified Expenditures

EXPENSES:

| | | |
|--|-----------------|--------------|
| Salaries | \$ 5,058,993.81 | |
| Wages | 187,385.92 | |
| Other Services | 29,792.95 | |
| Boys' and Girls' Club Work..... | 4,334.02 | |
| Coal and Gas..... | 102,694.89 | |
| Feeding Supplies | 17,927.60 | |
| Field Work—Agricultural Extension.... | 150,448.76 | |
| Food Supplies | 76,121.22 | |
| Freight and Cartage..... | 7,197.02 | |
| General Supplies | 157,365.48 | |
| Light, Power, Water..... | 39,511.39 | |
| Medical and Hospital Supplies..... | 104,535.72 | |
| Printing | 58,149.61 | |
| Refunds—Military Uniforms | 33,465.66 | |
| Rent | 18,330.89 | |
| Repairs to Equipment..... | 15,073.76 | |
| Scholarships and Student Aid..... | 41,364.79 | |
| Scientific and Educational Supplies..... | 134,043.84 | |
| State Teachers' Retirement Fund..... | 60,000.00 | |
| Stationery and Office Supplies..... | 105,316.49 | |
| Telephone and Telegraph..... | 36,970.06 | |
| Travel | 22,027.32 | |
| Not elsewhere Classified..... | 44,068.16 | |
| Total Expenses | | 6,505,119.36 |

EQUIPMENT:

| | | |
|-------------------------------------|------------|------------|
| Apparatus | 108,852.16 | |
| Books | 42,861.77 | |
| Furniture and Office Equipment..... | 80,193.87 | |
| Livestock | 6,949.40 | |
| Machinery and Tools..... | 22,288.54 | |
| Total Equipment..... | | 261,145.74 |

| | | |
|------------------------------------|------------|--------------|
| NEW BUILDINGS | 161,797.04 | |
| ADDITIONS TO BUILDINGS..... | 146,419.21 | |
| IMPROVEMENTS | 30,306.20 | |
| Total..... | | 338,522.45 |
| Total Educational and General..... | | 7,104,787.55 |

DORMITORIES AND DINING HALLS:

| | | |
|--------------------------------------|------------|------------|
| Alumnae Cooperative House..... | 5,749.21 | |
| Men's Cooperative Dormitories..... | 42,862.32 | |
| Pomerene Refectory | 110,372.94 | |
| Residence Halls for Women..... | 138,141.55 | |
| Stone Laboratory Dining Hall..... | 2,501.46 | |
| University Schools Dining Hall..... | 13,354.22 | |
| Grace Graham Walker House..... | 3,473.57 | |
| Total Dormitories and Dining Halls.. | | 316,455.27 |

COMMERCIAL:

| | | |
|------------------------------|------------|--------------|
| Bookstore | 174,356.69 | |
| Meats Department | 61,082.36 | |
| Mechanics | 6,447.12 | |
| Photography Department | 10,540.36 | |
| Print Shop | 86,844.67 | |
| Telephone Account | 30,425.83 | |
| Warehouse | 646,925.66 | |
| Total Commercial | | 1,016,622.69 |

SUBSIDIARY COMMERCIAL:

| | |
|-----------------------------------|-----------|
| Dairy Dept.—Official Testing..... | 14,942.70 |
| Journal of Higher Education..... | 4,186.39 |

| | |
|----------------------------------|-----------|
| Total Subsidiary Commercial..... | 19,129.09 |
|----------------------------------|-----------|

| | |
|---------------------------|------------|
| ATHLETIC DEPARTMENT | 632,631.97 |
|---------------------------|------------|

| | |
|-------------------------|-----------------|
| Total Expenditures..... | \$ 9,089,626.57 |
|-------------------------|-----------------|

BALANCE SHEET

JUNE 30, 1939

ASSETS

CURRENT ASSETS:

| | |
|--|---------------|
| Cash in bank and on hand for current expenses..... | \$ 919,249.23 |
| Deposits | 454.00 |
| Inventories | 346,916.30 |
| Auditor of State, Special Appropriations..... | 2,097,449.38 |

INVESTMENT ASSETS:

| | |
|--|--------------|
| State Treasurer (irreducible debt of the State)..... | 1,586,973.17 |
| Ohio State University Treasurer..... | 16,847.34 |

EDUCATIONAL PLANT:

| | |
|----------------------------------|---------------|
| Lands and Land Improvements..... | 5,831,036.24 |
| Buildings | 12,018,993.59 |
| Equipment of Departments..... | 6,815,156.31 |

| | |
|--------------------|---------------|
| Total Assets | 29,633,075.56 |
|--------------------|---------------|

LIABILITIES

| | |
|---------------------|--------------|
| CURRENT FUNDS | 1,266,619.53 |
|---------------------|--------------|

CONTINGENT FUNDS:

| | |
|-----------------------------------|--------------|
| Special State Appropriations..... | 2,097,449.38 |
|-----------------------------------|--------------|

PRINCIPAL OF ENDOWMENT FUNDS:

| | |
|--|------------|
| Funds for General Purposes, Invested..... | 969,268.58 |
| Funds for Specific Purposes, Invested..... | 618,904.59 |

| | |
|-------------------|-----------|
| TRUST FUNDS | 15,647.34 |
|-------------------|-----------|

| | |
|-----------------------------------|---------------|
| INVESTMENT IN PHYSICAL PLANT..... | 24,665,186.14 |
|-----------------------------------|---------------|

| | |
|-------------------------|-----------------|
| Total Liabilities | \$29,633,075.56 |
|-------------------------|-----------------|

Gifts for General and Designated Purposes

The following items are turned into the State Treasury to the credit of Rotary Funds for use by the University:

| <i>From Whom</i> | <i>Purpose</i> | <i>Amount</i> |
|---|---|---------------|
| American Assn. for Advancement of Science | Purchase of Spectograph..... | \$ 800.00 |
| American Chemical Paint Co..... | Research in Floriculture..... | 600.00 |
| American Guernsey Cattle Club..... | Fellowship in Animal Husbandry..... | 750.00 |
| American Petroleum Institute..... | Investigation of Pure Hydrocarbon..... | 17,000.00 |
| American Society of Mechanical Engineers | Investigation of Flow Nozzle Coefficients | 574.17 |
| American Wildlife Institute..... | Wildlife Research Program..... | 3,000.00 |
| Anonymous | For Laminagraph for College of Medicine | 5,000.00 |
| Anonymous | Equipment for Department of Chemistry and College of Pharmacy..... | 500.00 |
| Anonymous | Automatic Vacuum Control..... | 50.00 |
| Austenal Laboratories, Inc..... | Investigation of Dental Porcelains..... | 873.00 |
| Bethlehem Steel Corporation..... | Research relating to blast furnace refractories | 1,000.00 |
| George Davis Bivin..... | Fellowship in Graduate School..... | 300.00 |
| Board of County Commissioners..... | Payment of expense for removal and relocation of fences—Olentangy Boulevard | 200.00 |
| John W. Brown..... | Social Administration Expense..... | 250.00 |
| Francis C. Caldwell..... | Provide funds for Graduate Assistant in Electrical Engineering | 450.00 |
| Canadian Nepheline, Limited..... | Investigate use of Syenite in Ceramic Bodies | 423.07 |
| Chi Delta Phi..... | Robinson Memorial Library Fund for English Books | 100.00 |
| Class of 1938..... | Purchase of Electric Organ..... | 624.97 |
| Clensel Products | Investigate the insecticidal value of Clensel | 2,502.55 |
| James B. Clow Sons..... | Investigation of problems related to production and use of cast iron pipe..... | 150.00 |
| College of Commerce..... | Personnel Conference | 124.47 |
| Columbus Scholarship Society..... | Student Loan Fund..... | 400.00 |
| Comm. in Aid of Displaced German Scholars | Visiting Professor of Economics..... | 2,000.00 |
| Dairy Ice Cream Machinery and Supply Co. | Scholarship devoted to study of assigned problems relating to dairy products industry | 550.00 |
| A. F. Davis..... | For two-\$250.00 Scholarships per year for five years in Welding Engineering..... | 2,500.00 |
| Dow Chemical Co..... | Investigation of application of Methyl Bromide for control of household insect pests | 947.54 |
| Drackett Co. | Investigation of Soybean Products..... | 184.42 |
| E. I. duPont deNemours Co..... | Cellulose Research Fellowship..... | 2,750.00 |
| Eastman Kodak Co..... | Purchase Electrometer for Chemistry Dept. | 221.32 |
| Faculty Club | For construction of Faculty Assembly Unit | 90,750.00 |
| Ferro Enamel Corporation..... | Investigation of the determination of physical factors and the relation of enamel composition to these factors..... | 978.44 |
| Glazed Brick and Tile Institute..... | Investigation of fire resistance of glazed brick and other properties of glazed brick | 775.00 |
| Globe Iron Co..... | Investigation of the effects of various elements in Pig Iron | 386.11 |
| Great Lakes Foundry Sand Co..... | Investigation of the use of Syenite in Ceramic Bodies | 2,291.61 |
| Hall Laboratories, Inc..... | Investigation of the application of phosphates in ceramic processes..... | 1,170.00 |
| Henry Holt and Co..... | Royalty on books..... | 284.88 |
| Iodine Educational Bureau, Inc..... | Research in Surgical Research..... | 50.00 |
| Jansky and Bailey..... | Establish fellowship in radio communication | 300.00 |
| Kaolin Inc. | Investigation of washed kaolin for pottery manufacture | 1,950.00 |
| William R. Kenan, Jr..... | Experimental work in College of Dentistry with Dept. of Agricultural Chemistry.. | 960.00 |
| W. W. Kincaid..... | Fellowship in Research Surgery..... | 375.00 |
| Fred Lazarus, Jr..... | Social Administration Expense..... | 500.00 |
| Fred Lazarus, Jr..... | Visiting Professor of Economics..... | 666.66 |
| Robert Lazarus | Visiting Professor of Economics..... | 666.66 |
| Simon Lazarus | Visiting Professor of Economics..... | 666.68 |
| Library Contributions—Various Individuals | Purchase of Books..... | 116.76 |
| Eli Lilly Co..... | Fellowship in Bacteriology..... | 1,500.00 |
| J. F. Lincoln..... | Establishment of course in Welding Engineering | 2,752.49 |
| Lincoln Electric Co..... | Investigation of Toxicity of Welding Fumes | 1,900.00 |
| Lincoln Electric Co..... | Investigation of Slag..... | 589.62 |
| Lucas County Mothers' Club..... | Student Loan Fund..... | 75.00 |
| Mahoning County Mothers' Club..... | Student Loan Fund..... | 100.00 |
| National Aluminate Corporation..... | Fellowship in Chemistry..... | 500.00 |
| National Association Insecticide and Disinfectant Manufacturers | Investigate methods of testing liquid household insecticides against crawling insects | 1,233.76 |
| National Education Association..... | Research in the field of traffic safety.... | 2,500.00 |

| <i>From Whom</i> | <i>Purpose</i> | <i>Amount</i> |
|---|---|---------------------|
| National Foundation for Infantile Paralysis | Research in the Department of Bacteriology on infantile paralysis..... | 3,060.00 |
| National Paving Brick Association..... | Investigation of paving fillers, microstructure studies and other matters..... | 3,931.16 |
| Ohio Academy of Science..... | Purchase of vacuum pump in the Department of Chemistry..... | 50.00 |
| Ohio Division of Conservation..... | Wildlife Research Program..... | 6,000.00 |
| Ohio Division of Conservation..... | Franz Theodore Stone Laboratory..... | 6,000.00 |
| Ohio Federation of Women's Clubs..... | Pan-American Scholarship..... | 800.00 |
| Ohio Public Health Association..... | Scholarship in Social Administration..... | 400.00 |
| Ohio Seed Improvement Association..... | Fellowship in Agronomy..... | 1,800.00 |
| Ohio Vegetable Growers' Association..... | Purchase new equipment for greenhouses | 300.00 |
| Ohio Wesleyan University..... | Perkins Observatory..... | 5,300.00 |
| Bequest of Edward Orton, Jr..... | Research in Ceramics..... | 750.00 |
| Payne Fund, Inc..... | Research in Education..... | 1,580.00 |
| Pittsburgh Coal Carbonization Co..... | Investigation of coal tar products as Insecticides and Fungicides..... | 1,211.41 |
| Porcelain Enamel Institute..... | Research in Engineering..... | 267.80 |
| Procter and Gamble..... | Fellowship in Chemistry..... | 1,000.00 |
| Progressive Education Association..... | Commission on Relation of Schools and Colleges..... | 13,800.00 |
| Progressive Education Association..... | Research in College of Education..... | 10,625.00 |
| Research Foundation..... | Industrial Research..... | 970.00 |
| Rockefeller Foundation..... | Radio Evaluation Study..... | 38,700.00 |
| Rockefeller Foundation..... | Research in Physiology..... | 7,500.00 |
| Roses, Inc..... | Establish fellowship with research with roses..... | 1,000.00 |
| Sears-Roebuck and Co..... | Scholarships in College of Agriculture..... | 2,450.00 |
| Sennewald Drug Co..... | Investigation of the Toxicity of Phosphorous Paste to Cockroaches..... | 98.00 |
| Sherwin-Williams Co..... | Investigation of insecticides..... | 6,803.18 |
| Mrs. R. H. Simpson..... | Robert H. Simpson Memorial Prize..... | 30.00 |
| Standard Container..... | Study of performance of hand sprayers..... | 1,460.00 |
| Stark Ceramics..... | Investigation of Glazed Brick..... | 2,202.01 |
| Charles C. Stillman..... | Social Administration Scholarship..... | 100.00 |
| Charles C. Stillman..... | Establishment of Franklin H. Patterson Memorial Book Fund in Social Administration..... | 50.00 |
| J. R. Stitt..... | Welding Conference..... | 105.00 |
| Julius F. Stone..... | Purchase of cyclotron..... | 6,500.00 |
| Julius F. Stone..... | Gift—Somers Cottage..... | 6,000.00 |
| Julius F. Stone..... | Investigation of Reduction of Metal Salts in Liquid Ammonia..... | 950.00 |
| Student Court Fines..... | Student Loan Fund..... | 1,658.11 |
| Texas Mining and Smelting Co..... | Investigation of Antimony Oxide..... | 2,400.00 |
| H. A. Toulmin, Jr..... | Investigation of Gums, Waxes, and Rubber-Like Products from Fungi and Micro-organisms..... | 567.62 |
| U. S. Potters Association..... | Investigation of Commercial Dinnerware Bodies and Glazes..... | 731.45 |
| U. S. Steel Association..... | Research in College of Engineering..... | 586.70 |
| Wallace and Tiernan Products, Inc..... | Investigation of the bacteriology of infected and presumably non-infected human tissue..... | 600.00 |
| TOTAL..... | | \$296,651.62 |

APPENDIX I

ACADEMIC YEAR 1938-1939—SUMMARY BY CLASSES AND COLLEGES

| | FRESHMAN | | | SOPHOMORE | | | JUNIOR | | | SENIOR | | | FIFTH YEAR | | | SPECIAL | | | IRREGULAR | | | TOTAL | | |
|------------------|----------|-------|-------|-----------|-------|-------|--------|-------|-------|--------|-------|-------|------------|-------|-------|---------|-------|-------|-----------|-------|-------|-------|-------|-------|
| | Men | Women | Total | Men | Women | Total | Men | Women | Total | Men | Women | Total | Men | Women | Total | Men | Women | Total | Men | Women | Total | Men | Women | Total |
| Agriculture | 372 | 162 | 534 | 260 | 125 | 385 | 209 | 132 | 341 | 247 | 127 | 374 | .. | .. | .. | 1 | .. | 1 | 13 | 14 | 27 | 1102 | 560 | 1662 |
| Arts | 735 | 316 | 1051 | 409 | 160 | 569 | 336 | 116 | 452 | 317 | 161 | 478 | .. | .. | .. | 5 | 5 | 10 | 22 | 7 | 29 | 1824 | 765 | 2589 |
| Arts-Education.. | 2 | 4 | 6 | 7 | 11 | 18 | 9 | 12 | 21 | 13 | 36 | 49 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 31 | 63 | 94 |
| Commerce | 592 | 125 | 717 | 540 | 86 | 626 | 457 | 77 | 534 | 422 | 96 | 518 | .. | .. | .. | 10 | 2 | 12 | 6 | 3 | 9 | 2027 | 389 | 2416 |
| Education | 234 | 408 | 642 | 164 | 365 | 529 | 166 | 346 | 512 | 211 | 380 | 591 | .. | 82 | 82 | 5 | 19 | 24 | 59 | 116 | 175 | 839 | 1716 | 2555 |
| Engineering ... | 528 | 3 | 531 | 544 | 2 | 546 | 428 | 4 | 432 | 349 | 4 | 353 | 11 | .. | 11 | 5 | .. | 5 | 15 | 1 | 16 | 1880 | 14 | 1894 |
| Optometry | 22 | 1 | 23 | 25 | 1 | 26 | 24 | 2 | 26 | 36 | 5 | 41 | .. | .. | .. | .. | .. | .. | 3 | 1 | 4 | 110 | 10 | 120 |
| Pharmacy | 47 | 11 | 58 | 51 | 9 | 60 | 44 | 5 | 49 | 57 | 6 | 63 | .. | .. | .. | 1 | .. | 1 | 4 | 1 | 5 | 204 | 32 | 236 |
| | 2532 | 1030 | 3562 | 2000 | 759 | 2759 | 1673 | 694 | 2367 | 1652 | 815 | 2467 | 11 | 82 | 93 | 27 | 26 | 53 | 122 | 143 | 265 | 8017 | 3549 | 11566 |

PROFESSIONAL COLLEGES

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------|------|------|------|-----|------|------|-----|------|------|------|------|----|----|----|----|----|----|-----|-----|------|-------|------|-------|
| Dentistry | 57 | .... | 57 | 48 | ... | 48 | 40 | ... | 40 | 56 | ... | 56 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 201 | .... | 201 |
| Law | 96 | .... | 96 | 52 | 2 | 54 | 67 | 3 | 70 | .... | .... | .... | .. | .. | .. | .. | .. | .. | .. | .. | .. | 215 | 5 | 220 |
| Medicine | 77 | 3 | 80 | 66 | 4 | 70 | 72 | 3 | 75 | 75 | 6 | 81 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 290 | 16 | 306 |
| Nursing ..... | .... | 24 | 24 | .... | 7 | 7 | .... | 1 | 1 | .... | .... | .... | .. | .. | .. | .. | .. | .. | .. | .. | .... | 32 | 32 | |
| Vet. Med. | 75 | 2 | 77 | 61 | ... | 61 | 48 | ... | 48 | 48 | 1 | 49 | .. | .. | .. | .. | .. | .. | .. | .. | 232 | 3 | 235 | |
| | 305 | 29 | 334 | 227 | 13 | 240 | 227 | 7 | 234 | 179 | 7 | 186 | .. | .. | .. | .. | .. | .. | .. | .. | 938 | 56 | 994 | |
| Total..... | 2837 | 1059 | 3896 | 2227 | 772 | 2999 | 1900 | 701 | 2601 | 1831 | 822 | 2653 | 11 | 82 | 93 | 27 | 26 | 53 | 122 | 143 | 265 | 8955 | 3605 | 12560 |
| Graduate School | | | | | | | | | | | | | | | | | | | | | | 1368 | 456 | 1824 |
| Less Graduate Duplicates..... | | | | | | | | | | | | | | | | | | | | | | 10323 | 4061 | 14384 |
| Grand Total..... | | | | | | | | | | | | | | | | | | | | | | 14 | 2 | 16 |
| Grand Total..... | | | | | | | | | | | | | | | | | | | | | | 10309 | 4059 | 14368 |

YEAR COUNT—1938-1939

| | ACADEMIC YEAR | | | SUMMER QUARTER | | | TOTAL ACADEMIC YR. AND SUMMER QUARTER | | | SUMMER QUARTER DUPLICATES | | | FISCAL YEAR | | |
|---|---------------|-------|-------|----------------|-------|-------|--|-------|-------|------------------------------|-------|-------|-------------|-------|-------|
| | Men | Women | Total | Men | Women | Total | Men | Women | Total | Men | Women | Total | Men | Women | Total |
| Agriculture | 1102 | 560 | 1662 | 87 | 124 | 211 | 1189 | 684 | 1873 | 65 | 66 | 131 | 1124 | 618 | 1742 |
| Arts | 1824 | 765 | 2589 | 334 | 133 | 467 | 2158 | 898 | 3056 | 182 | 71 | 253 | 1976 | 827 | 2803 |
| Arts-Education | 31 | 63 | 94 | 2 | 31 | 33 | 33 | 94 | 127 | 2 | 21 | 23 | 81 | 73 | 104 |
| Commerce | 2027 | 389 | 2416 | 332 | 75 | 407 | 2359 | 464 | 2823 | 217 | 57 | 274 | 2142 | 407 | 2549 |
| Dentistry | 201 | .... | 201 | 3 | .... | 3 | 204 | .... | 204 | 3 | .... | 3 | 201 | .... | 201 |
| Education | 839 | 1716 | 2555 | 316 | 1277 | 1593 | 1155 | 2993 | 4148 | 103 | 376 | 479 | 962 | 2617 | 3669 |
| Engineering | 1880 | 14 | 1894 | 318 | 4 | 322 | 2198 | 18 | 2216 | 273 | 2 | 275 | 1925 | 16 | 1941 |
| Law | 215 | 5 | 220 | 68 | 1 | 69 | 283 | 6 | 289 | 41 | .... | 41 | 242 | 6 | 248 |
| Medicine | 290 | 16 | 306 | 2 | 1 | 3 | 292 | 17 | 309 | 2 | 1 | 3 | 290 | 16 | 306 |
| Nursing ..... | .... | 32 | 32 | .... | .... | .... | .... | 32 | 32 | .... | .... | .... | .... | 32 | 32 |
| Optometry | 110 | 10 | 120 | 9 | 3 | 12 | 119 | 13 | 132 | 8 | 3 | 11 | 111 | 10 | 121 |
| Pharmacy | 204 | 32 | 236 | 39 | 3 | 42 | 243 | 35 | 278 | 31 | 3 | 34 | 212 | 32 | 244 |
| Veterinary Medicine | 232 | 3 | 235 | .... | .... | .... | 232 | 3 | 235 | .... | .... | .... | 232 | 3 | 235 |
| Total..... | 8955 | 3605 | 12560 | 1510 | 1652 | 3162 | 10465 | 5257 | 15722 | 927 | 600 | 1527 | 9538 | 4657 | 14195 |
| Graduate School | 1368 | 456 | 1824 | 1900 | 992 | 2892 | 3268 | 1448 | 4716 | 486 | 155 | 641 | 2782 | 1293 | 4075 |
| Total..... | 10323 | 4061 | 14384 | 3410 | 2644 | 6054 | 13733 | 6705 | 20438 | 1413 | 755 | 2168 | 12320 | 5950 | 18270 |
| Less Grad. Duplicates..... | 14 | 2 | 16 | .... | .... | .... | 14 | 2 | 16 | .... | .... | .... | 14 | 2 | 16 |
| Total..... | 10309 | 4059 | 14368 | 3410 | 2644 | 6054 | 13719 | 6703 | 20422 | 1413 | 755 | 2168 | 12306 | 5948 | 18254 |
| Number who changed Colleges during the Year..... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 142 | 45 | 187 | 142 | 45 | 187 |
| TOTAL..... | 10309 | 4059 | 14368 | 3410 | 2644 | 6054 | 13719 | 6703 | 20422 | 1555 | 800 | 2355 | 12164 | 5903 | 18067 |

YEAR SUMMARY—1938-1939

| CURRENT TOTAL | | | | SUMMER QUARTER DUPLICATES | | |
|------------------------------------|------------|--------------|--------------|------------------------------|--------------|--------------|
| <i>Colleges</i> | <i>Men</i> | <i>Women</i> | <i>Total</i> | <i>Men</i> | <i>Women</i> | <i>Total</i> |
| Agriculture | 1102 | 560 | 1662 | 65 | 66 | 131 |
| Arts | 1824 | 765 | 2589 | 182 | 71 | 253 |
| Arts-Education | 31 | 63 | 94 | 2 | 21 | 23 |
| Commerce | 2027 | 389 | 2416 | 217 | 57 | 274 |
| Dentistry | 201 | .... | 201 | 3 | ... | 3 |
| Education | 839 | 1716 | 2555 | 103 | 376 | 479 |
| Engineering | 1880 | 14 | 1894 | 273 | 2 | 275 |
| Law | 215 | 5 | 220 | 41 | ... | 41 |
| Medicine | 290 | 16 | 306 | 2 | 1 | 3 |
| Nursing ..... | .... | 32 | 32 | ... | ... | ... |
| Optometry | 110 | 10 | 120 | 8 | 3 | 11 |
| Pharmacy | 204 | 32 | 236 | 31 | 3 | 34 |
| Veterinary Medicine | 232 | 3 | 235 | ... | ... | ... |
| Total..... | 8955 | 3605 | 12560 | 927 | 600 | 1527 |
| Graduate School | 1368 | 456 | 1824 | 486 | 155 | 641 |
| Total..... | 10323 | 4061 | 14384 | 1413 | 755 | 2168 |
| Duplicates in Graduate School..... | 14 | 2 | 16 | .... | ... | .... |
| TOTAL..... | 10309 | 4059 | 14368 | 1413 | 755 | 2168 |
| Number Who Changed Colleges..... | | | | 142 | 45 | 187 |
| TOTAL DUPLICATES..... | | | | 1555 | 800 | 2355 |

| GRAND YEAR TOTAL | | | |
|---|------------|--------------|--------------|
| | <i>Men</i> | <i>Women</i> | <i>Total</i> |
| Current Total | 10309 | 4059 | 14368 |
| Summer Quarter (including Stone Laboratory).... | 3410 | 2644 | 6054 |
| | 13719 | 6703 | 20422 |
| Less Summer Quarter Duplicates... | 1555 | 800 | 2355 |
| GRAND NET TOTAL..... | 12164 | 5903 | 18067 |
| Winter Courses in Agriculture (not included) | 1218 | 104 | 1322 |
| Auditors (not included)..... | 8 | 13 | 21 |
| No Commerce Extension | | | |

ENROLLMENT BY STATES AND COUNTRIES YEAR SUMMARY 1938-1939

| <i>State</i> | <i>Academic Year</i> | <i>Summer Quarter</i> | <i>Summer Quarter Duplicates</i> | <i>Fiscal Year</i> |
|---------------------------|--------------------------|---------------------------|--------------------------------------|------------------------|
| Alabama | 16 | 5 | 5 | 16 |
| Arizona | 3 | 2 | .... | 5 |
| Arkansas | 5 | 3 | 1 | 7 |
| California | 10 | 4 | 3 | 11 |
| Colorado | 4 | 6 | 2 | 8 |
| Connecticut | 18 | 6 | 3 | 21 |
| Delaware | 1 | .... | .... | 1 |
| District of Columbia..... | 12 | 2 | 1 | 13 |
| Florida | 14 | 14 | 6 | 22 |
| Georgia | 10 | 9 | 2 | 17 |
| Idaho | 4 | 3 | 2 | 5 |
| Illinois | 50 | 18 | 9 | 59 |
| Indiana | 91 | 24 | 13 | 102 |
| Iowa | 18 | 17 | 5 | 30 |
| Kansas | 9 | 12 | 3 | 18 |
| Kentucky | 31 | 15 | 5 | 41 |
| Louisiana | 4 | 2 | .... | 6 |
| Maine | 3 | 4 | 2 | 5 |
| Maryland | 18 | 2 | 1 | 19 |
| Massachusetts | 50 | 16 | 8 | 53 |
| Michigan | 35 | 75 | 17 | 93 |
| Minnesota | 8 | 3 | 1 | 10 |
| Mississippi | 2 | 2 | 1 | 3 |
| Missouri | 10 | 19 | 2 | 27 |
| Montana | 4 | .... | .... | 4 |
| Nebraska | 7 | 4 | 2 | 9 |
| Nevada ..... | .... | 2 | .... | 2 |
| New Hampshire..... | 6 | 2 | .... | 8 |
| New Jersey | 60 | 5 | 2 | 63 |
| New Mexico..... | 1 | .... | .... | 1 |
| New York..... | 300 | 50 | 20 | 330 |
| North Carolina..... | 13 | 9 | 5 | 17 |
| North Dakota..... | 2 | 2 | 1 | 3 |
| Ohio | 13,157 | 5,511 | 2,140 | 16,528 |
| Oklahoma | 6 | 6 | 2 | 10 |
| Oregon | 7 | 3 | 2 | 8 |
| Pennsylvania | 151 | 67 | 40 | 178 |
| Rhode Island | 5 | .... | .... | 5 |
| South Carolina..... | 9 | 6 | 3 | 12 |
| South Dakota..... | 6 | 4 | 3 | 7 |
| Tennessee | 14 | 6 | 4 | 16 |
| Texas | 14 | 6 | 2 | 18 |
| Utah | 4 | 2 | 2 | 4 |
| Vermont | 1 | 1 | .... | 2 |
| Virginia | 29 | 18 | 3 | 44 |
| Washington | 3 | 4 | 2 | 5 |
| West Virginia..... | 73 | 51 | 10 | 114 |
| Wisconsin | 17 | 11 | 6 | 22 |
| Wyoming | 1 | 1 | 1 | 1 |
| TOTAL STATES | 14,316 | 6,034 | 2,842 | 18,008 |

ENROLLMENT BY STATES AND COUNTRIES (Continued)

| Country | Academic Year | Summer Quarter | Summer Quarter Duplicates | Fiscal Year |
|---------------------------|------------------|-------------------|------------------------------|----------------|
| Canada | 13 | 6 | 3 | 16 |
| Central America | 2 | 1 | 1 | 2 |
| Canal Zone | 4 | .... | .... | 4 |
| Chile ..... | .... | 1 | .... | 1 |
| China | 8 | 6 | 5 | 9 |
| Cuba | 3 | 1 | 1 | 3 |
| England | 1 | .... | .... | 1 |
| France | 1 | .... | .... | 1 |
| Germany | 2 | .... | .... | 2 |
| Hawaiian Islands | 3 | .... | .... | 3 |
| Hungary | 1 | .... | .... | 1 |
| Iraq | 1 | .... | .... | 1 |
| Japan | 2 | .... | .... | 2 |
| Mexico ..... | .... | 1 | .... | 1 |
| Nova Scotia | 1 | .... | .... | 1 |
| Palestine | 2 | 1 | 1 | 2 |
| Philippine Islands | 1 | 1 | 1 | 1 |
| Puerto Rico | 4 | 2 | 1 | 5 |
| Strait's Settlement | 1 | .... | .... | 1 |
| Switzerland | 1 | .... | .... | 1 |
| Turkey | 1 | .... | .... | 1 |
| Total Countries | 52 | 20 | 13 | 59 |
| GRAND TOTAL | 14,368 | 6,054 | 2,355 | 18,067 |

ENROLLMENT IN OHIO BY COUNTIES
YEAR 1938-1939

| County | Academic Year | Summer Quarter | Summer Quarter Duplicates | Fiscal Year |
|------------------|------------------|-------------------|------------------------------|----------------|
| Adams | 25 | 14 | 5 | 34 |
| Allen | 120 | 64 | 15 | 169 |
| Ashland | 64 | 28 | 9 | 83 |
| Ashtabula | 137 | 64 | 23 | 178 |
| Athens | 45 | 37 | 12 | 70 |
| Auglaize | 62 | 23 | 8 | 77 |
| Belmont | 141 | 51 | 16 | 176 |
| Brown | 18 | 15 | 4 | 29 |
| Butler | 92 | 26 | 8 | 110 |
| Carroll | 41 | 16 | 6 | 51 |
| Champaign | 42 | 16 | 8 | 50 |
| Clark | 150 | 58 | 20 | 188 |
| Clermont | 20 | 13 | .... | 33 |
| Clinton | 36 | 21 | 2 | 55 |
| Columbiana | 149 | 53 | 24 | 178 |
| Coshocton | 66 | 21 | 7 | 80 |
| Crawford | 92 | 65 | 17 | 140 |
| Cuyahoga | 1,317 | 298 | 146 | 1,469 |
| Darke | 67 | 23 | 7 | 88 |
| Defiance | 25 | 24 | 6 | 43 |
| Delaware | 109 | 84 | 20 | 173 |
| Erie | 88 | 29 | 11 | 106 |
| Fairfield | 143 | 91 | 18 | 216 |
| Fayette | 63 | 30 | 8 | 85 |
| Franklin | 4,543 | 1,654 | 873 | 5,324 |
| Fulton | 44 | 25 | 6 | 63 |
| Gallia | 45 | 45 | 7 | 83 |
| Geauga | 51 | 13 | 7 | 57 |
| Greene | 66 | 52 | 13 | 105 |
| Guernsey | 67 | 45 | 14 | 98 |

ENROLLMENT IN OHIO BY COUNTIES (Continued)

| | Academic Year | Summer Quarter | Summer Quarter Duplicates | Fiscal Year |
|-------------------|------------------|-------------------|------------------------------|----------------|
| Hamilton | 187 | 59 | 20 | 226 |
| Hancock | 70 | 65 | 13 | 122 |
| Hardin | 57 | 41 | 4 | 94 |
| Harrison | 34 | 23 | 7 | 50 |
| Henry | 45 | 18 | 9 | 54 |
| Highland | 54 | 32 | 6 | 80 |
| Hocking | 28 | 17 | 2 | 43 |
| Holmes | 32 | 24 | 7 | 49 |
| Huron | 61 | 28 | 6 | 88 |
| Jackson | 57 | 45 | 6 | 96 |
| Jefferson | 119 | 51 | 15 | 155 |
| Knox | 76 | 52 | 14 | 114 |
| Lake | 92 | 34 | 13 | 113 |
| Lawrence | 59 | 27 | 9 | 77 |
| Licking | 196 | 110 | 28 | 278 |
| Logan | 95 | 54 | 13 | 136 |
| Lorain | 133 | 70 | 18 | 185 |
| Lucas | 205 | 67 | 28 | 244 |
| Madison | 88 | 43 | 19 | 112 |
| Mahoning | 371 | 99 | 48 | 422 |
| Marion | 117 | 66 | 13 | 170 |
| Medina | 51 | 24 | 10 | 65 |
| Meigs | 38 | 15 | 8 | 45 |
| Mercer | 30 | 14 | 5 | 39 |
| Miami | 81 | 33 | 14 | 100 |
| Monroe | 38 | 13 | 4 | 47 |
| Montgomery | 266 | 104 | 38 | 332 |
| Morgan | 22 | 20 | 4 | 38 |
| Morrow | 53 | 28 | 11 | 70 |
| Muskingum | 169 | 88 | 34 | 223 |
| Noble | 26 | 26 | 5 | 47 |
| Ottawa | 32 | 16 | 6 | 42 |
| Paulding | 21 | 14 | 3 | 32 |
| Perry | 56 | 41 | 9 | 88 |
| Pickaway | 103 | 44 | 17 | 130 |
| Pike | 25 | 16 | 4 | 37 |
| Portage | 74 | 39 | 12 | 101 |
| Preble | 34 | 18 | 10 | 42 |
| Putnam | 36 | 24 | 8 | 52 |
| Richland | 115 | 43 | 12 | 146 |
| Ross | 89 | 42 | 12 | 119 |
| Sandusky | 74 | 37 | 12 | 99 |
| Scioto | 150 | 72 | 28 | 194 |
| Seneca | 81 | 51 | 15 | 117 |
| Shelby | 37 | 10 | 4 | 43 |
| Stark | 320 | 139 | 57 | 402 |
| Summit | 261 | 82 | 33 | 310 |
| Trumbull | 164 | 71 | 34 | 201 |
| Tuscarawas | 113 | 65 | 17 | 161 |
| Union | 82 | 33 | 9 | 106 |
| Van Wert | 49 | 38 | 19 | 68 |
| Vinton | 9 | 5 | 1 | 13 |
| Warren | 25 | 16 | 6 | 35 |
| Washington | 48 | 36 | 8 | 76 |
| Wayne | 139 | 60 | 21 | 178 |
| Williams | 43 | 30 | 10 | 63 |
| Wood | 61 | 39 | 13 | 87 |
| Wyandot | 38 | 37 | 9 | 66 |
| TOTAL..... | 13,157 | 5,511 | 2,140 | 16,528 |

RELIGION OF STUDENTS

YEAR 1938-1939

| <i>Religion</i> | <i>Academic Year</i> | <i>Summer Quarter</i> | <i>Summer Quarter Duplicates</i> | <i>Fiscal Year</i> |
|-----------------------------------|--------------------------|---------------------------|--------------------------------------|------------------------|
| Advent Christian | 1 | 1 | .... | 1 |
| African Methodist | 39 | 19 | 4 | 54 |
| Anglican | 4 | 3 | 2 | 5 |
| Apostolic | 4 | .... | .... | 4 |
| Atheist ..... | .... | .... | .... | .... |
| Baptist | 499 | 284 | 87 | 696 |
| Brethren | 58 | 47 | 15 | 90 |
| Catholic | 1,439 | 355 | 184 | 1,610 |
| Christian | 250 | 112 | 37 | 325 |
| Christian-Congregational | 34 | 19 | 5 | 48 |
| Christian Science | 175 | 49 | 23 | 201 |
| Church of Christ..... | 285 | 150 | 48 | 387 |
| Church of God..... | 19 | 6 | 3 | 22 |
| Church of the Second Advent..... | .... | .... | .... | .... |
| Community | 160 | 42 | 25 | 177 |
| Congregational | 440 | 179 | 69 | 550 |
| Disciple | 50 | 33 | 8 | 75 |
| Dunkard | 1 | 1 | .... | 2 |
| Episcopal | 550 | 222 | 101 | 671 |
| Evangelical | 187 | 93 | 30 | 250 |
| Evangelical Protestant | 10 | 3 | 2 | 11 |
| Evangelical Reformed | 68 | 35 | 19 | 84 |
| Federated | 8 | 2 | .... | 10 |
| Free Thinker ..... | .... | .... | .... | .... |
| Friends | 35 | 39 | 8 | 66 |
| Gethsemane B. C..... | .... | .... | .... | .... |
| Greek Orthodox | 46 | 10 | 7 | 49 |
| Independent Protestant | 4 | 1 | 1 | 4 |
| International Bible Students..... | 2 | 1 | .... | 3 |
| Jewish | 1,085 | 103 | 75 | 1,113 |
| Judaism | 4 | .... | .... | 4 |
| Lutheran | 848 | 410 | 141 | 1,111 |
| Latter Day Saints..... | 11 | 10 | 5 | 16 |
| Mennonite | 36 | 33 | 10 | 59 |
| Methodist Episcopal | 3,550 | 1,815 | 582 | 4,783 |
| Methodist Protestant | 62 | 26 | 5 | 83 |
| Mission | 1 | 1 | 1 | 1 |
| Moravian | 12 | 6 | .... | 18 |
| Mormon ..... | .... | .... | .... | .... |
| Nazarene | 9 | 3 | 1 | 11 |
| New Thought | 1 | .... | .... | 1 |
| Non-Sectarian | 9 | 5 | 2 | 12 |
| People of Truth..... | .... | .... | .... | .... |
| Presbyterian | 1,807 | 726 | 257 | 2,276 |
| Protestant | 227 | 92 | 37 | 282 |
| Protestant Episcopal | 10 | 4 | 3 | 11 |
| Reformed | 170 | 96 | 25 | 241 |
| Reformed Jewish | 34 | 2 | .... | 36 |
| Russian Orthodox | 14 | 1 | 1 | 14 |
| Seventh Day Adventists..... | 7 | 7 | 2 | 12 |
| Southern Methodists | 3 | 3 | 1 | 5 |
| Spiritualist | 2 | 1 | 1 | 2 |
| Swedenborg | 1 | 2 | .... | 3 |
| Union | 11 | 9 | 2 | 18 |
| Unitarian | 31 | 16 | 8 | 39 |
| United Brethren | 273 | 154 | 45 | 382 |
| United Presbyterian | 119 | 82 | 21 | 180 |
| Universalist | 20 | 5 | 1 | 24 |

RELIGION OF STUDENTS (Continued)

| Religion | Academic Year | Summer Quarter | Summer Quarter Duplicates | Fiscal Year |
|------------------|---------------|----------------|---------------------------|-------------|
| Zionist | 7 | .... | .... | 7 |
| None Given | 1,636 | 786 | 451 | 1,921 |
| TOTAL..... | 14,368 | 6,054 | 2,355 | 18,067 |

OCCUPATIONS OF PARENTS OR GUARDIANS
YEAR 1938-1939

| Occupations | Academic Year | Summer Quarter | Summer Quarter Duplicates | Fiscal Year |
|--|---------------|----------------|---------------------------|-------------|
| Accountants, Auditors, Cashiers, and Bookkeepers | 237 | 72 | 42 | 267 |
| Advertising | 28 | 4 | 2 | 30 |
| Architects, Draftsmen | 65 | 12 | 8 | 69 |
| Army and Navy | 40 | 11 | 9 | 42 |
| Artisan | 17 | 3 | .... | 20 |
| Attorneys, Judges, Statesmen, Politicians..... | 258 | 72 | 43 | 287 |
| Auctioneers | 2 | 2 | 1 | 3 |
| Authors, Writers, Lecturers..... | 5 | 4 | 3 | 6 |
| Automobile Dealers | 53 | 18 | 7 | 64 |
| Aviation | 5 | .... | .... | 5 |
| Bakers, Confectioners | 44 | 7 | 4 | 47 |
| Bankers, Finance | 112 | 38 | 17 | 133 |
| Barbers, Beauty Culturists..... | 76 | 14 | 9 | 81 |
| Blacksmiths | 15 | 10 | 2 | 23 |
| Brewers, Bartenders | 6 | 3 | 2 | 7 |
| Brokers, Investment Securities..... | 79 | 5 | 4 | 80 |
| Bricklayers | 19 | 12 | 1 | 30 |
| Business | 123 | 46 | 14 | 155 |
| Business Executives | 157 | 51 | 26 | 182 |
| Butchers, Meat Dealers..... | 45 | 6 | 5 | 46 |
| Cantors ..... | .... | .... | .... | .... |
| Carpenters, Cabinet Makers..... | 113 | 48 | 14 | 147 |
| Chauffeurs | 6 | 1 | .... | 7 |
| Chefs, Cooks, Caterers..... | 28 | 5 | 1 | 32 |
| Chemists | 40 | 12 | 7 | 45 |
| Clergymen, Rabbi | 170 | 139 | 34 | 275 |
| Coal, Ice, and Lumber..... | 80 | 23 | 8 | 95 |
| Contractors | 207 | 78 | 32 | 253 |
| Coopers | 4 | .... | .... | 4 |
| Dairy and Creamery..... | 99 | 21 | 9 | 111 |
| Decorators, Painters | 67 | 21 | 12 | 76 |
| Dentists | 116 | 26 | 14 | 128 |
| Designers, Commercial Artists..... | 23 | 10 | 2 | 31 |
| Detectives | 4 | 2 | 1 | 5 |
| Druggists, Pharmacists | 87 | 22 | 13 | 96 |
| Dry Cleaners, Pressers..... | 34 | 6 | 4 | 36 |
| Electricians | 79 | 15 | 7 | 87 |
| Engineers (Professional) | 444 | 123 | 63 | 504 |
| Engineers (Stationary) | 57 | 23 | 8 | 72 |
| Farmers and Ranchers..... | 1,592 | 929 | 245 | 2,276 |
| Fishermen | 1 | .... | .... | 1 |
| Florists, Gardeners | 100 | 27 | 11 | 116 |
| Foremen, Supervisors, Superintendents..... | 281 | 74 | 35 | 320 |
| Fruit Dealers, Orchardists..... | 15 | 7 | 1 | 21 |
| Furriers | 13 | 3 | 2 | 14 |
| Garage, Repairing | 36 | 5 | .... | 41 |
| Glassworkers | 10 | 3 | 1 | 12 |
| Government, State, County, and City Employees | 518 | 152 | 83 | 587 |
| Grain, Hay, and Flour..... | 27 | 11 | 5 | 33 |
| Grocers | 146 | 37 | 14 | 169 |
| Hotel and Restaurant Owners and Employees.. | 117 | 27 | 16 | 128 |

OCCUPATIONS OF PARENTS (Continued)

| | Academic Year | Summer Quarter | Summer Quarter Duplicates | Fiscal Year |
|--|------------------|-------------------|------------------------------|----------------|
| Importers | 5 | 1 | 1 | 5 |
| Inspectors | 49 | 18 | 6 | 61 |
| Insurance (Salesmen and Claim Examiners)... | 217 | 61 | 35 | 243 |
| Interior Decorators | 28 | 9 | 5 | 32 |
| Iron and Steel Workers..... | 168 | 35 | 23 | 180 |
| Janitors and Maids..... | 68 | 19 | 9 | 78 |
| Jewelers and Watchmakers..... | 43 | 6 | 2 | 47 |
| Jobbers and Purchasing Agents..... | 54 | 9 | 7 | 56 |
| Journalists | 30 | 7 | 4 | 33 |
| Junk Dealers | 39 | 1 | 1 | 39 |
| Laborers | 152 | 63 | 22 | 193 |
| Laundrymen | 18 | 5 | 3 | 20 |
| Librarians | 12 | 2 | .... | 14 |
| Livestock Dealers | 32 | 10 | 7 | 35 |
| Machinists | 174 | 43 | 25 | 192 |
| Managers | 335 | 69 | 34 | 370 |
| Manufacturers | 124 | 39 | 22 | 141 |
| Mechanics | 73 | 31 | 9 | 95 |
| Merchants | 481 | 139 | 57 | 563 |
| Metal Trades | 50 | 19 | 11 | 58 |
| Millworkers, Shopworkers | 113 | 25 | 10 | 128 |
| Mine Operators and Miners..... | 36 | 15 | 5 | 46 |
| Missionaries | 10 | 2 | 1 | 11 |
| Musical Instruments | 8 | 3 | 1 | 10 |
| Musicians, Artists | 29 | 7 | 3 | 33 |
| Nurses and Attendants..... | 44 | 12 | 8 | 48 |
| Oil Industry | 78 | 24 | 9 | 93 |
| Opticians, Optometrists | 50 | 5 | 5 | 50 |
| Osteopaths, Chiropodists, Chiropractors..... | 11 | 6 | 3 | 14 |
| Photographers | 17 | 4 | 2 | 19 |
| Physicians, Surgeons | 235 | 77 | 44 | 268 |
| Plumbers | 68 | 18 | 6 | 80 |
| Potters | 27 | 7 | 2 | 32 |
| Poultrymen | 27 | 5 | 2 | 30 |
| Printers, Publishers | 74 | 35 | 22 | 87 |
| Public Utilities | 22 | 14 | 9 | 27 |
| Quarry and Cement..... | 22 | 3 | 3 | 22 |
| Radio | 10 | 4 | 2 | 12 |
| Railway Employees | 488 | 169 | 70 | 587 |
| Real Estate | 119 | 45 | 22 | 142 |
| Research Workers | 27 | 6 | 6 | 27 |
| Retired | 347 | 324 | 91 | 580 |
| Roofers, Tinnners | 12 | 1 | .... | 13 |
| Rubber Workers | 27 | 5 | 2 | 30 |
| Sailors | 6 | 1 | .... | 7 |
| Salesmen | 712 | 178 | 90 | 800 |
| School Officials | 492 | 212 | 87 | 617 |
| Secretaries, Stenographers, Clerks..... | 245 | 53 | 20 | 278 |
| Shoe and Leather Workers..... | 44 | 12 | 5 | 51 |
| Social Workers and Housemothers..... | 42 | 9 | 5 | 46 |
| Students | 7 | 3 | 1 | 9 |
| Tailors, Seamstresses, Milliners..... | 92 | 16 | 10 | 98 |
| Taxidermist | 1 | .... | .... | 1 |
| Telephone, Telegraph | 66 | 16 | 8 | 74 |
| Toolmakers, Diemakers | 35 | 13 | 4 | 44 |
| Theatre and Recreation..... | 40 | 2 | 1 | 41 |
| Traffic Managers | 13 | 3 | 1 | 15 |
| Transportation | 79 | 15 | 7 | 87 |
| Undertakers | 17 | 9 | 2 | 24 |
| Unemployed | 28 | 17 | 7 | 38 |

OCCUPATIONS OF PARENTS (Continued)

| | Academic Year | Summer Quarter | Summer Quarter Duplicates | Fiscal Year |
|---|------------------|-------------------|------------------------------|----------------|
| Upholsterers | 2 | 2 | 1 | 3 |
| Veterinarians | 87 | 10 | 7 | 90 |
| Watchmen, Sextons | 17 | 13 | 6 | 24 |
| Well Drillers | 8 | 2 | .... | 10 |
| Wholesale | 63 | 13 | 7 | 69 |
| Y.M.C.A., Y.W.C.A., Other Religious Workers.. | 15 | 3 | 2 | 16 |
| Mothers with no Occupation..... | 1,020 | 746 | 226 | 1,540 |
| None Given or Deceased..... | 1,284 | 1,064 | 406 | 1,942 |
| TOTAL..... | 14,368 | 6,054 | 2,355 | 18,067 |

APPENDIX II

BOARD OF TRUSTEES—1938-1939

| | <i>Original Appointment</i> | <i>Expiration of Term</i> |
|--|---------------------------------|-------------------------------|
| HARRY A. CATON, Coshocton..... | May 14, 1925 | May 31, 1939 |
| M. EDITH CAMPBELL, Cincinnati..... | June 9, 1933 | May 13, 1940 |
| HERBERT S. ATKINSON, Columbus..... | Mar. 17, 1925 | May 13, 1941 |
| LOCKWOOD THOMPSON, Cleveland..... | Jan. 27, 1938 | May 13, 1942 |
| DR. BURRELL RUSSELL, New Philadelphia..... | Dec. 10, 1936 | May 13, 1943 |
| DR. C. J. ALTMAIER, Marion..... | July 13, 1937 | May 13, 1944 |
| CARLTON S. DARGUSCH, Columbus..... | May 14, 1938 | May 13, 1945 |
| LEO L. RUMMELL, Columbus..... | June 1, 1939 | May 13, 1946 |

OFFICERS

HARRY A. CATON, Chairman until May 31, 1939
M. EDITH CAMPBELL, Chairman from June 12, 1939
M. EDITH CAMPBELL, Vice-Chairman until June 11, 1939
HERBERT S. ATKINSON, Vice-Chairman from June 12, 1939
CARL E. STEEB, Secretary
CHARLES F. KETTERING, Treasurer

Leo L. Rummell succeeded Harry A. Caton.

ADMINISTRATIVE OFFICERS

For the year ending June 30, 1939

| | |
|---|---|
| WILLIAM MCPHERSON..... | <i>Acting President</i> |
| Office—Administration Building, UN-3148; Campus 312. | |
| Residence—198 16th Avenue, WA-1579. | |
| GEORGE W. RIGHTMIRE..... | <i>President Emeritus</i> |
| JAMES LEWIS MORRILL..... | <i>Vice-President</i> |
| Office—Administration Building, UN-3148; Campus 628. | |
| Residence—459 West Eighth Avenue, UN-9427. | |
| CARL E. STEEB..... | <i>Secretary of the Board of Trustees and Business Manager</i> |
| Office—Administration Building, UN-3148; Campus 332. | |
| Residence—198 West Eleventh Avenue, UN-4732. | |
| EDITH D. COCKINS | |
| <i>Registrar, University Editor, Secretary of the University Faculty, and Alumni Recorder</i> | |
| Office—Administration Building, UN-3148; Campus 314, 459. | |
| Residence—1580 Guilford Road, KI-2726. | |
| BLAND L. STRADLEY..... | <i>University Examiner and Dean of the College of Arts and Sciences</i> |
| Office—Administration Building, UN-3148; Campus 412. | |
| Residence—Canal Winchester, Canal Winchester Ex. 71. | |
| KATHERINE A. VOGEL..... | <i>Executive Clerk</i> |
| Office—Administration Building, UN-3148; Campus 312. | |
| Residence—1040 Elmwood Avenue, KI-5883. | |
| CHARLES A. KUNTZ..... | <i>Comptroller</i> |
| Office—Administration Building, UN-3148; Campus 332. | |
| Residence—265 East Tulane Road, LA-3606. | |
| FLORIS D. HANE..... | <i>Cashier</i> |
| Office—Administration Building, UN-3148; Campus 372. | |
| Residence—373 Thirteenth Avenue; WA-1054. | |

| | |
|--|---|
| JOSEPH A. PARK..... | <i>Dean of Men</i> |
| Office—Administration Building, UN-3148; Campus 283. | |
| Residence—1474 Doone Road, KI-1702. | |
| ESTHER ALLEN GAW..... | <i>Dean of Women</i> |
| Office—Administration Building, UN-3148; Campus 480. | |
| Residence—60 Jefferson Avenue, MA-1426. | |
| EMMA E. PROUT..... | <i>House Superintendent, Residence Halls</i> |
| Office—Oxley Hall, UN-3148; Campus 346. | |
| Residence—Mack Hall, UN-3148; Campus 264. | |
| EDWARD S. DRAKE..... | <i>Manager of Ohio Union</i> |
| Office—Ohio Union, UN-3148; Campus, 273, 673. | |
| Residence—2094 Neil Avenue, UN-4073. | |
| HAROLD K. SCHELLENGER..... | <i>Director of News Bureau</i> |
| Office—Administration Building, UN-3148; Campus 491. | |
| Residence—516 Piedmont Road, LA-8738. | |
| WILLIAM MCCracken..... | <i>Chief Engineer and Superintendent of Buildings and Grounds</i> |
| Office—Service Building, UN-3148; Campus 365. | |
| Residence—2005 Berkshire Road, KI-4669. | |
| RAY M. ROYER..... | <i>Purchasing Agent</i> |
| Office—Administration Building, UN-3148; Campus 374. | |
| Residence—1828 Arlington Avenue—KI-4063. | |
| FRED E. JONES..... | <i>Director of Stores and Receiving Department</i> |
| Office—Service Building, UN-3148; Campus 354. | |
| Residence—255 Oakland Park Avenue—LA-3461. | |
| CHESTER W. MCCLINTOCK..... | <i>Director of Laboratory Supply Stores</i> |
| Office—Chemistry Building, UN-3148; Campus 228, 306. | |
| Residence—232 Glenmont Avenue, LA-4070. | |
| H. DWIGHT SMITH..... | <i>University Architect</i> |
| Office—100 Brown Hall, UN-3148; Campus 361. | |
| Residence—1950 Arlington Avenue, KI-3542. | |
| GEORGE H. SIEBERT..... | <i>Manager of University Bookstore</i> |
| Office—Derby Hall, UN-3148; Campus 511, 633. | |
| Journalism Building, UN-3148; Campus 275. | |
| Administration Building, UN-3148; Campus 374, 375. | |
| Residence—2239 Fairfax Road, KI-1342. | |
| WILLIAM S. GUTHRIE..... | <i>Director of Student Employment</i> |
| Office—Administration Building, UN-3148; Campus 637, 636 | |
| Residence—396 Twentieth Avenue; WA-1644. | |

CHANGES IN FACULTY

NEW APPOINTMENTS—1938-1939

| | | |
|----------------------------|---------------------------------------|----------------------|
| Canine, Major Ralph J..... | Assistant Professor | Military Science |
| Chandler, David C..... | Assistant Professor | Franz Theodore Stone |
| | | Laboratory |
| Doan, Edward N..... | Assistant Professor | Journalism |
| Fife, Ray | Professor | Agricultural |
| | | Education |
| Hall, Priscilla K..... | Associate Professor and Director..... | School of Nursing |
| Hardesty, George | Assistant Professor | Music |
| Henne, Albert L..... | Associate Professor | Chemistry |
| Huber, Saima M..... | Assistant Professor | School of Nursing |
| Kircher, Everett | Assistant Professor | University School |
| Lawrence, Raymond D..... | Visiting Professor | Journalism |
| McBride, William | Assistant Professor | Music |
| Mangus, Arthur R..... | Professor | Rural Economics |
| Mooney, Ross L..... | Assistant Professor | Bureau of Educa- |
| | | tional Research |

| | | |
|-------------------------------|--|--|
| Moses, Elbert R., Jr. | Assistant Professor | Speech |
| Olpin, Albert R. | Professor and Director and Field Director | Industrial Research Engineering Ex- periment Station |
| Raths, Louis E. | Research Associate and Associate Professor | Bureau of Educa- tional Research |
| Ring, Gordon C. | Assistant Professor | Physiology |
| Shaffer, Lt. Colonel Edwin F. | Assistant Professor | Military Science |
| Stitt, James R. | Assistant Professor | Industrial Engineering |
| Walker, Charles F. | Associate Professor | Franz Theodore Stone Laboratory |
| Warner, Vera F. | Assistant Professor | School of Nursing |

CHANGES IN RANK—1938-1939

| | | |
|--------------------------|--|-------------------------------------|
| Abbott, Kenneth M. | Instructor to Assistant Professor | Classical Languages |
| Alberty, Harold B. | Professor to Professor and Director | University School |
| Batchelor, Wilbur C. | Assistant Professor to Assoc. Professor | Social Administration |
| Baxter, Earl H. | Assistant Professor to Assoc. Professor | Dispensary |
| Bigelow, Leslie L. | Associate Professor to Professor | Surgery and Gynecology |
| Bolender, Elbert O. | Itinerant Teacher Trainer to Assistant Professor | Agricultural Edu. |
| Brown, Clarence M. | Assistant Professor to Assoc. Professor | Pharmacy |
| Burt, Harold E. | Professor to Professor and Acting Chairman | Psychology |
| Charlton, Paul H. | Instructor to Assistant Professor | Surgery and Gynecology |
| Cook, Lloyd Allen | Assistant Professor to Assoc. Professor | Sociology |
| Eckelberry, George W. | Assistant to the President to Professor | Accounting |
| Emsley, Bert | Instructor to Assistant Professor | Speech |
| Fawcett, Harold P. | Associate Professor to Associate Professor and Associate Director | University School |
| Freeland, Ralph O. | Instructor to Assistant Professor | Botany |
| Godfrey, E. R. | Assistant Professor to Assoc. Professor | Athletics and Physical Education |
| Harris, Preston M. | Instructor to Assistant Professor | Chemistry |
| Heller, Frieda | Assistant Professor to Assoc. Professor | University School |
| Henning, George F. | Associate Professor to Professor | Rural Economics |
| Herbst, Alma | Assistant Professor to Assoc. Professor | Economics |
| Hernon, Lyle Kermit | Instructor to Assistant Professor | Chemical Engineering |
| Hutchison, Chester S. | Itinerant Teacher Trainer to Assistant Professor | Agricultural Education |
| Johnston, Herrick L. | Associate Professor to Professor | Chemistry |
| Jucius, Michael J. | Instructor to Assistant Professor | Bus. Organization |
| Kennedy, Arthur C. | Instructor to Assistant Professor | Agricultural Edu. |
| Landsittel, Frederick C. | Associate Professor to Professor | Education |
| Mackey, F. J. | Instructor to Assistant Professor | Athletics and Physical Education |
| McBride, Charles G. | Associate Professor to Professor | Rural Economics |
| Means, John W. | Associate Professor to Professor | Surgery and Gynecology |
| Morgan, Winona | Assistant Professor to Assoc. Professor | Home Economics |
| Morris, Clyde T. | Professor to Professor and Chairman | Civil Engineering |
| Moyer, Harvey V. | Associate Professor to Professor | Chemistry |
| Olsen, Harold G. | Assistant Professor to Professor | Athletics and Physical Education |
| Pollard, James E. | Associate Professor to Professor and Director | Journalism |
| Postle, Wendell D. | Instructor to Acting Dean | Dentistry |
| Quill, Laurence L. | Assistant Professor to Assoc. Professor | Chemistry |

| | | |
|------------------------------|--|-------------------------------------|
| Reel, Philip J..... | Associate Professor to Professor..... | Surgery and Gynecology |
| Rife, David C..... | Instructor to Assistant Professor..... | Zoology and Entomology |
| Reinhart, Harry L..... | Assistant Professor to Assoc. Professor... | Pathology |
| Roos, Frank J., Jr..... | Assistant Professor to Assoc. Professor... | Fine Arts |
| Roseboom, Eugene H..... | Assistant Professor to Assoc. Professor... | History |
| Schutz, Alexander H..... | Associate Professor to Professor..... | Romance Languages |
| Shank, J. R..... | Acting Assistant Director to Assistant Director | Engineering Experi- ment Station |
| Simms, Henry H..... | Assistant Professor to Assoc. Professor... | History |
| Snyder, L. M..... | Assistant Professor to Professor..... | Athletics and Physical Education |
| Stevens, William S..... | Instructor to Assistant Professor..... | Pharmacy |
| Strong, Frank R..... | Assistant Professor to Assoc. Professor... | Law |
| Sutton, Charles R..... | Assistant Professor to Assoc. Professor... | Architecture and Landscape Arch. |
| Taylor, William N..... | Associate Professor to Professor..... | Surgery and Gynecology |
| Washburne, George A..... | Professor to Professor and Chairman.... | History |
| Watson, True G..... | Assistant Professor to Assoc. Professor... | College of Agriculture |
| Weigel, Eugene | Professor to Professor and Acting Chairman | Music |
| Weisenburger, Francis P..... | Assistant Professor to Assoc. Professor... | History |
| Wilson, Judson D..... | Instructor to Assistant Professor..... | Surgery and Gynecology |
| Woolpert, Oram C..... | Assistant Professor to Assoc. Professor... | Bacteriology |
| Wertz, Virgil R..... | Associate Professor to Professor..... | Rural Economics |
| Zartman, Luke V..... | Assistant Professor to Assoc. Professor... | Surgery and Gynecology |

APPENDIX III

THE WORK OF INSTRUCTORS—1938-1939

| COURSE SUBJECT | SUMMER QUARTER | | | AUTUMN QUARTER | | | WINTER QUARTER | | | SPRING QUARTER | | |
|---|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|
| | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections |
| ACCOUNTING | | | | | | | | | | | | |
| Elements of Accounting..... | 401 | 5 | 40 | 401 | 5 | 393 | 401 | 5 | 255 | 401 | 5 | 116 |
| Elements of Accounting..... | 402 | 5 | 33 | 402 | 5 | 98 | 402 | 5 | 293 | 402 | 5 | 191 |
| Intermediate Accounting..... | 403 | 5 | 37 | 403 | 5 | 171 | 403 | 5 | 99 | 403 | 5 | 255 |
| Outline of Accounting..... | ... | ... | 405 | ... | ... | 56 | 405 | 5 | 69 | ... | ... | ... |
| Advanced Principles of Accounting..... | ... | ... | 602 | ... | ... | 119 | 602 | 5 | 56 | 602 | 5 | 27 |
| Cost Accounting..... | ... | ... | ... | 603 | 5 | 39 | 603 | 5 | 136 | ... | ... | ... |
| Cost Accounting..... | ... | ... | ... | ... | ... | ... | 604 | 5 | 35 | 604 | 5 | 87 |
| Auditing..... | 607 | 2 | 30 | 607 | 2 | 47 | ... | ... | ... | ... | ... | ... |
| Auditing..... | 608 | 2 | 45 | ... | ... | ... | 608 | 2 | 22 | ... | ... | ... |
| Cost Accounting Systems..... | ... | ... | ... | ... | ... | ... | 610 | 3 | 8 | ... | ... | ... |
| Income Tax Accounting..... | ... | ... | ... | 611 | 2 | 34 | ... | ... | ... | 611 | 2 | 138 |
| Constructive Accounting..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 612 | 4 | 78 |
| Accounting Practice..... | 613 | 4 | 28 | 613 | 4 | 45 | ... | ... | ... | ... | ... | ... |
| Accounting Practice..... | 614 | 4 | 41 | ... | ... | ... | 614 | 4 | 26 | ... | ... | ... |
| Business Statements..... | ... | ... | ... | 616 | 3 | 23 | 616 | 3 | 96 | 616 | 3 | 108 |
| Managerial Accounting..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 617 | 5 | 12 |
| Fiduciary Accounting..... | ... | ... | ... | ... | ... | ... | 621 | 2 | 10 | ... | ... | ... |
| Factory Costs..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 624 | 5 | 91 |
| Governmental Accounting and Budgeting..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 630 | 3 | 15 |
| Seminary in Accounting..... | ... | ... | ... | 804 | 2 | 7 | ... | ... | ... | ... | ... | ... |
| Distribution Costs..... | ... | ... | ... | 807 | 3 | 9 | ... | ... | ... | ... | ... | ... |
| Research in Accounting..... | ... | ... | ... | 950 | ... | 1 | 950 | ... | 0 | 950 | ... | 0 |
| AGRICULTURAL CHEMISTRY | | | | | | | | | | | | |
| General Agricultural Chemistry..... | ... | ... | ... | 401 | 5 | 132 | 401 | 5 | 107 | 401 | 5 | 90 |
| An Introduction to Organic & Biological Chem..... | ... | ... | ... | 402 | 5 | 49 | 402 | 5 | 50 | 402 | 5 | 54 |
| An Introduction to Organic & Biological Chem..... | ... | ... | ... | ... | ... | ... | 403 | 5 | 7 | 403 | 5 | 14 |
| Animal Chemistry..... | ... | ... | ... | ... | ... | ... | 406 | 3 | 72 | ... | ... | ... |
| General Biological Chemistry..... | ... | ... | ... | 601 | 5 | 30 | 601 | 5 | 28 | ... | ... | ... |
| Food Inspection and Analysis..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 602 | 5 | 8 |
| Dairy Chemistry..... | ... | ... | ... | 604 | 5 | 21 | ... | ... | ... | ... | ... | ... |
| Dairy Chemistry..... | ... | ... | ... | ... | ... | ... | 605 | 5 | 21 | ... | ... | ... |
| Dairy Chemistry..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 606 | 5 | 27 |
| Chemistry of Nutrition..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 607 | 5 | 19 |
| Special Problems..... | ... | ... | ... | 701 | 3-15 | 4 | 701 | 3-15 | 12 | 701 | 3-15 | 11 |

THE WORK OF INSTRUCTORS—1938-1939 (Cont'd.)

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| COURSE SUBJECT | SUMMER QUARTER | | | AUTUMN QUARTER | | | WINTER QUARTER | | | SPRING QUARTER | | |
|---|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|
| | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections |
| Plant Chemistry | ... | ... | ... | ... | ... | ... | ... | ... | ... | 801 | 5 | 2 |
| Seminary | ... | ... | ... | 804 | 1 | 9 | 804 | 1 | 10 | 804 | 1 | 7 |
| Research in Agricultural Chemistry..... | 950 | ... | 2 | 950 | ... | 3 | 950 | ... | 5 | 950 | ... | 3 |
| AGRICULTURAL EDUCATION | | | | | | | | | | | | |
| Principles Applied to the Teaching of Vocational Agriculture in Secondary Schools... | ... | ... | ... | ... | ... | ... | 400 | 5 | 48 | 400 | 5 | 10 |
| Teaching of Vocational Agriculture in Secondary Schools..... | ... | ... | ... | 401 | 5 | 21 | ... | ... | ... | 401 | 5 | 31 |
| Observation of the Teaching of Vocational Agriculture | ... | ... | ... | 502 | 5 | 20 | 502 | 5 | 20 | 502 | 5 | 12 |
| Supervised Teaching of Vocational Agriculture | ... | ... | ... | 503 | 5 | 20 | 503 | 5 | 20 | 503 | 5 | 12 |
| Special Methods of Teaching Vocational Agriculture in Secondary Schools..... | 601 | 5 | 4 | 601 | 5 | 20 | 601 | 5 | 20 | 601 | 5 | 13 |
| Special Problems | 701 | 3-15 | 15 | 701 | 3-15 | 4 | 701 | 3-15 | 4 | 701 | 3-15 | 3 |
| Supervised Practice Program Building..... | 705 | 3 | 10 | ... | ... | ... | 705 | 3 | 1 | ... | ... | ... |
| The Problem Method Applied to Secondary and College Teaching in Agriculture..... | 803 | 5 | 12 | not given | | | not given | | | not given | | |
| State Administration and Supervision of Vocational Agriculture..... | 804 | 3 | 0 | ... | ... | ... | ... | ... | ... | 804 | 3 | 0 |
| Organization and Administration of Teacher Training for Vocational Agriculture..... | ... | ... | ... | ... | ... | ... | 806 | 3 | 0 | ... | ... | ... |
| Tests and Measurements Adapted to Instruction in Vocational Agriculture..... | 807 | 3 | * | 807 | 3 | * | 807 | 3 | * | 807 | 3 | * |
| Organization and Methods of Conducting Part-time and Evening Schools in Vocational Agr. | 808 | 3 | 11 | not given | | | not given | | | not given | | |
| Research for Teaching in Vocational Agr..... | 809 | 3 | 10 | ... | ... | ... | ... | ... | ... | 809 | 3 | 0 |
| Seminary in Agricultural Education..... | 810 | 3 | 3 | 810 | 3 | 0 | 810 | 3 | 0 | 810 | 3 | 0 |
| AGRICULTURAL ENGINEERING | | | | | | | | | | | | |
| Field Machinery..... | ... | ... | ... | 401 | 5 | 82 | 401 | 5 | 88 | 401 | 5 | 40 |
| Agricultural Drawing..... | ... | ... | ... | 402 | 3 | 49 | 402 | 3 | 37 | 402 | 3 | 43 |
| Dairy Engineering | ... | ... | ... | 408 | 3 | 15 | ... | ... | ... | ... | ... | ... |
| Farm Buildings | ... | ... | ... | 502 | 3 | 19 | 502 | 3 | 19 | 502 | 3 | 15 |
| Farm Power | ... | ... | ... | ... | ... | ... | 503 | 5 | 40 | 503 | 5 | 36 |
| Farm Shop | 504 | 5 | 0 | 504 | 5 | 0 | 504 | 5 | 15 | 504 | 5 | 25 |
| Special Agricultural Engineering Applications in Horticultural Practices..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 506 | 5 | 12 |
| Drainage and Irrigation..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 507 | 5 | 32 |
| Advanced Farm Structures..... | ... | ... | ... | ... | ... | ... | 602 | 5 | 8 | ... | ... | ... |

| | | | | | | | | | | | |
|---|-----|-----|-----|------|-----|-----|------|-----|-----|------|----|
| Advanced Farm Power Equipment..... | ... | ... | 603 | 5 | 12 | ... | ... | ... | 604 | 5 | 7 |
| Advanced Drainage and Irrigation..... | ... | ... | ... | ... | ... | ... | ... | ... | 605 | 5 | 12 |
| Advanced Field Machinery..... | ... | ... | ... | ... | ... | ... | ... | ... | 701 | 3-15 | 5 |
| Special Problems..... | ... | ... | 701 | 3-15 | 0 | 701 | 3-15 | 9 | 701 | 3-15 | 5 |
| Research in Agricultural Engineering..... | ... | ... | 950 | ... | 0 | 950 | ... | 0 | 950 | ... | 0 |

AGRONOMY

| | | | | | | | | | | | | |
|--|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|---|
| Turf Problems of the Lawn and Golf Course..... | ... | ... | ... | ... | ... | ... | ... | ... | 402 | 3 | * | |
| Soils..... | ... | ... | 501 | 5 | 79 | 501 | 5 | 112 | 501 | 5 | 31 | |
| Cereal Crops..... | ... | ... | ... | ... | ... | 502 | 5 | 27 | 502 | 5 | 33 | |
| Forage Crops..... | ... | ... | 503 | 5 | 52 | ... | ... | ... | 503 | 5 | 33 | |
| Soils for Agricultural Teachers..... | ... | ... | 505 | 3 | 33 | ... | ... | ... | ... | 5 | 33 | |
| Forest Soils..... | ... | ... | ... | ... | ... | ... | ... | ... | 506 | 5 | 6 | |
| Soil Fertility..... | ... | ... | 601 | 3 | 24 | ... | ... | ... | ... | ... | ... | |
| Chemical Methods used in Soils Investigations..... | ... | ... | 602 | 5 | 13 | ... | ... | ... | ... | ... | ... | |
| Origin and Classification of Soils..... | ... | ... | ... | ... | ... | ... | ... | ... | 603 | 5 | 23 | |
| Soil Erosion and its Control..... | ... | ... | ... | ... | ... | 604 | 5 | 13 | ... | ... | ... | |
| Soil Microbiology..... | ... | ... | ... | ... | ... | 605 | 5 | * | ... | ... | ... | |
| Field Crop Breeding..... | ... | ... | ... | ... | ... | ... | ... | ... | 607 | 5 | 9 | |
| Soil Physics..... | ... | ... | ... | ... | ... | 608 | 5 | 10 | ... | ... | ... | |
| Physical Chemistry of Soils..... | ... | ... | ... | ... | ... | ... | ... | ... | 609 | 5 | 5 | |
| Special Problems..... | 701 | 3-15 | 2 | 701 | 3-15 | 1 | 701 | 3-15 | 5 | 701 | 3-15 | 2 |
| Agronomy Seminary..... | ... | ... | 702 | 1-5 | 23 | 702 | 1-5 | 18 | 702 | 1-5 | 12 | |
| Research in Agronomy..... | 950 | ... | 12 | 950 | ... | 10 | 950 | ... | 6 | 950 | ... | 7 |

ANATOMY

| | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-------------|-----|-----|-----|-----|
| Comparative Anatomy..... | ... | ... | ... | ... | ... | ... | ... | ... | 407 | 5 | 58 |
| Visceral Anatomy..... | ... | ... | 410 | 5 | 31 | ... | ... | ... | 410 | 5 | 7 |
| Elementary Human Anatomy..... | ... | ... | 412 | 5 | 65 | ... | ... | ... | ... | ... | ... |
| Seminary..... | ... | ... | 601 | 1 | 6 | ... | ... | ... | ... | ... | ... |
| Seminary..... | ... | ... | ... | ... | ... | 602 | 1 | 7 | ... | ... | ... |
| Seminary..... | ... | ... | ... | ... | ... | ... | ... | ... | 603 | 1 | 7 |
| Anatomical Methods..... | ... | ... | 604 | 3-5 | 0 | 604 | 3-5 | 0 | 604 | 3-5 | 5 |
| Comparative Histology..... | ... | ... | 611 | 5 | 36 | ... | ... | ... | ... | ... | ... |
| Comparative Histology..... | ... | ... | ... | ... | ... | 612 | 5 | 27 | ... | ... | ... |
| Comparative Anatomy of the Vertebrates..... | 613 | 5 | 17 | 613 | 5 | 206 | ... | ... | ... | ... | ... |
| Comparative Vertebrate Embryology..... | 616 | 5 | 14 | ... | ... | ... | not offered | ... | ... | ... | ... |
| Elementary Neurology..... | ... | ... | ... | ... | ... | 617 | 5 | 7 | ... | ... | ... |
| Elementary Neurology..... | ... | ... | ... | ... | ... | ... | ... | ... | 618 | 5 | 4 |
| Comparative Anatomy of the Vertebrates..... | ... | ... | ... | ... | ... | 619 | 5 | 151 | ... | ... | ... |
| History of Anatomy..... | ... | ... | ... | ... | ... | ... | ... | ... | 620 | 1 | 20 |
| Human Anatomy..... | ... | ... | 621 | 5 | 81 | ... | ... | ... | ... | ... | ... |
| Human Anatomy..... | ... | ... | ... | ... | ... | 622 | 5 | 79 | ... | ... | ... |
| Human Anatomy..... | ... | ... | ... | ... | ... | ... | ... | ... | 623 | 5 | 80 |
| Microscopic Anatomy..... | ... | ... | 624 | 5 | 74 | ... | ... | ... | ... | ... | ... |
| Developmental Anatomy..... | ... | ... | ... | ... | ... | 625 | 5 | 80 | ... | ... | ... |
| Neuro-Anatomy..... | ... | ... | ... | ... | ... | ... | ... | ... | 626 | 5 | 80 |
| Special Advanced Anatomy..... | ... | ... | 628 | 3 | 0 | 628 | 3 | 2 | 628 | 3 | 7 |
| The Eye..... | ... | ... | ... | ... | ... | ... | ... | ... | 637 | 5 | 36 |
| Human Anatomy..... | ... | ... | 638 | 7 | 58 | ... | ... | ... | ... | ... | ... |
| Human Anatomy..... | ... | ... | ... | ... | ... | 639 | 7 | 57 | ... | ... | ... |
| Histology and Embryology..... | ... | ... | ... | ... | ... | ... | ... | ... | 640 | 5 | 70 |
| Sectional Anatomy..... | ... | ... | 641 | 1 | 40 | ... | ... | ... | ... | ... | ... |

THE WORK OF INSTRUCTORS—1938-1939 (Cont'd.)

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| COURSE SUBJECT | SUMMER QUARTER | | | AUTUMN QUARTER | | | WINTER QUARTER | | | SPRING QUARTER | | |
|---|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|
| | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections |
| Topographical Anatomy | ... | ... | ... | 700 | 2 | 81 | ... | ... | ... | ... | ... | ... |
| Minor Problems in Anatomy | ... | ... | ... | 701 | 3-5 | 2 | 701 | 3-5 | 2 | 701 | 3-5 | 3 |
| Research in Anatomy | 950 | ... | 3 | 950 | ... | 4 | 950 | ... | 1 | 950 | ... | 0 |
| ANIMAL HUSBANDRY | | | | | | | | | | | | |
| Market Types and Classes of Live Stock | ... | ... | ... | 401 | 5 | 194 | 401 | 5 | 77 | 401 | 5 | 57 |
| Feeding Live Stock | ... | ... | ... | 402 | 5 | 50 | 402 | 5 | 111 | 402 | 5 | 57 |
| Dairy Cattle and Milk Secretion | ... | ... | ... | 404 | 5 | 40 | 404 | 5 | 15 | ... | ... | ... |
| Dairy Cattle Breeds | ... | ... | ... | ... | ... | ... | ... | ... | ... | 405 | 5 | ... |
| Meat Selection and Identification | ... | ... | ... | 407 | 3 | 34 | 407 | 3 | 18 | ... | ... | ... |
| Breeding Live Stock | ... | ... | ... | ... | ... | ... | 409 | 5 | 41 | 409 | 5 | 61 |
| Horse Production and Management | ... | ... | ... | ... | ... | ... | 501 | 5 | 33 | ... | ... | ... |
| Beef Cattle Production and Management | ... | ... | ... | 502 | 5 | 19 | ... | ... | ... | ... | ... | ... |
| Swine Production and Management | ... | ... | ... | ... | ... | ... | ... | ... | ... | 503 | 5 | 54 |
| Dairy Cattle Production and Management | ... | ... | ... | ... | ... | ... | 504 | 5 | 14 | ... | ... | ... |
| Sheep Production and Management | ... | ... | ... | ... | ... | ... | ... | ... | ... | 505 | 5 | 28 |
| Advanced Live Stock Judging | ... | ... | ... | 506 | 5 | 11 | ... | ... | ... | ... | ... | ... |
| Dairy Cattle Selection and Judging | ... | ... | ... | ... | ... | ... | ... | ... | ... | 507 | 3 | 8 |
| Meats and Meat Products | ... | ... | ... | ... | ... | ... | 509 | 5 | 12 | ... | ... | ... |
| Meats and Meat Products | ... | ... | ... | ... | ... | ... | ... | ... | ... | 510 | 5 | 8 |
| Live Stock Marketing | ... | ... | ... | ... | ... | ... | 608 | 5 | 18 | ... | ... | ... |
| Improved Methods of Breeding Live Stock | ... | ... | ... | ... | ... | ... | 611 | 3 | 14 | ... | ... | ... |
| Milk Production | ... | ... | ... | ... | ... | ... | 612 | 3 | 12 | ... | ... | ... |
| Dairy Husbandry Investigation | ... | ... | ... | 614 | 5 | 11 | ... | ... | ... | ... | ... | ... |
| Dairy Inspection Trip | ... | ... | ... | ... | ... | ... | ... | ... | ... | 616 | 0 | 0 |
| Marketing of Dairy Products | ... | ... | ... | ... | ... | ... | 626 | 3 | 12 | ... | ... | ... |
| Special Problems | ... | ... | ... | 701 | 3-15 | 17 | 701 | 3-15 | 6 | 701 | 3-15 | 9 |
| Research in Animal Husbandry | ... | ... | ... | 950 | ... | 2 | 950 | ... | 1 | 950 | ... | 3 |
| ARCHITECTURE AND LANDSCAPE | | | | | | | | | | | | |
| ARCHITECTURE | | | | | | | | | | | | |
| Shades and Shadows | ... | ... | ... | 401 | 3 | 19 | ... | ... | ... | ... | ... | ... |
| Perspective | ... | ... | ... | ... | ... | ... | 402 | 3 | 20 | ... | ... | ... |
| Theory of Architecture | ... | ... | ... | 403 | 3 | 12 | ... | ... | ... | ... | ... | ... |
| Elements of Architecture | ... | ... | ... | 421 | 5 | 18 | ... | ... | ... | ... | ... | ... |
| Elementary Architectural Design | ... | ... | ... | 422 | 5 | 0 | 422 | 5 | 17 | 422 | 5 | 0 |
| Elementary Architectural Design | ... | ... | ... | 423 | 5 | 1 | 423 | 5 | 0 | 423 | 5 | 14 |
| History of Architecture | ... | ... | ... | 544 | 3 | 21 | ... | ... | ... | ... | ... | ... |
| History of Architecture | ... | ... | ... | ... | ... | ... | 545 | 3 | 16 | ... | ... | ... |
| History of Architecture | ... | ... | ... | ... | ... | ... | ... | ... | ... | 546 | 3 | 16 |

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|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Theory of Architecture..... | | | | | | | | | 604 | 3 | 9 | |
| Theory of Architecture..... | | | | | | | | | 605 | 2 | 15 | |
| Elementary Architectural Design..... | | | | 624 | 5 | 10 | 624 | 5 | 1 | 624 | 5 | 1 |
| Intermediate Architectural Design..... | ..... | ..... | ..... | 625 | 5 | 2 | 625 | 5 | 9 | 625 | 5 | 1 |
| Intermediate Architectural Design..... | ..... | ..... | ..... | 627 | 5 | 4 | 627 | 5 | 2 | 627 | 5 | 9 |
| Contract Drawings..... | ..... | ..... | ..... | 638 | 3 | 12 | ..... | ..... | ..... | ..... | ..... | ..... |
| Construction: Timber Framing..... | ..... | ..... | ..... | ..... | ..... | ..... | 640 | 5 | 12 | ..... | ..... | ..... |
| Construction: Masonry..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 641 | 5 | 17 |
| Materials of Construction..... | ..... | ..... | ..... | 642 | 5 | 16 | ..... | ..... | ..... | ..... | ..... | ..... |
| History of Architecture..... | ..... | ..... | ..... | 647 | 3 | 9 | ..... | ..... | ..... | ..... | ..... | ..... |
| History of Architecture..... | ..... | ..... | ..... | ..... | ..... | ..... | 648 | 3 | 8 | ..... | ..... | ..... |
| History of the Decorative Arts..... | ..... | ..... | ..... | ..... | ..... | ..... | 649 | 3 | 9 | ..... | ..... | ..... |
| Intermediate Architectural Design..... | ..... | ..... | ..... | 724 | 5 | 6 | 724 | 5 | 3 | 724 | 5 | 2 |
| Intermediate Architectural Design..... | ..... | ..... | ..... | 725 | 5 | 1 | 725 | 5 | 6 | 725 | 5 | 3 |
| Advanced Architectural Design..... | ..... | ..... | ..... | 726 | 5 | 0 | 726 | 5 | 1 | 726 | 5 | 6 |
| Advanced Architectural Design..... | ..... | ..... | ..... | 727 | 8 | 7 | 727 | 8 | 0 | 727 | 8 | 1 |
| Advanced Architectural Design..... | ..... | ..... | ..... | 728 | 8 | 0 | 728 | 8 | 6 | 728 | 8 | 0 |
| Advanced Architectural Design..... | ..... | ..... | ..... | 730 | 8 | 0 | 730 | 8 | 0 | 730 | 8 | 5 |
| Ornament..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 731 | 3 | 4 |
| Building Sanitation..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 737 | 2 | 10 |
| Construction—Design..... | ..... | ..... | ..... | 742 | 5 | 0 | 742 | 5 | 7 | ..... | ..... | ..... |
| Construction—Design..... | ..... | ..... | ..... | ..... | ..... | ..... | 743 | 5 | 0 | 743 | 5 | 9 |
| Construction—Design..... | ..... | ..... | ..... | 744 | 5 | 0 | ..... | ..... | ..... | ..... | ..... | ..... |
| Construction—Design..... | ..... | ..... | ..... | ..... | ..... | ..... | 745 | 5 | 2 | ..... | ..... | ..... |
| Construction—Design..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 746 | 5 | 1 |
| Fire Protection..... | ..... | ..... | ..... | 748 | 2 | 15 | ..... | ..... | ..... | ..... | ..... | ..... |
| Thesis..... | ..... | ..... | ..... | 749 | 8 | 0 | 749 | 8 | 0 | 749 | 8 | 1 |
| Professional Practice: Specifications and Contracts..... | ..... | ..... | ..... | 751 | 2 | 11 | ..... | ..... | ..... | ..... | ..... | ..... |
| Professional Practice: Estimates and Building Supervision..... | ..... | ..... | ..... | ..... | ..... | ..... | 752 | 2 | 11 | ..... | ..... | ..... |
| Professional Practice: Organization and Ethical Relations..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 753 | 2 | 11 |
| Thesis..... | ..... | ..... | ..... | 761 | 1 | 0 | 762 | 1 | 0 | 763 | 1 | 0 |
| Architecture: Special Studies in Architecture..... | ..... | ..... | ..... | 770 | 1-5 | 3 | ..... | ..... | ..... | ..... | ..... | ..... |
| Architecture: Special Studies in Architecture..... | ..... | ..... | ..... | ..... | ..... | ..... | 771 | 1-5 | 8 | ..... | ..... | ..... |
| Architecture: Special Studies in Architecture..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 772 | 1-5 | 14 |
| LANDSCAPE ARCHITECTURE | | | | | | | | | | | | |
| Theory of Landscape Design..... | ..... | ..... | ..... | 401 | 2 | 9 | ..... | ..... | ..... | ..... | ..... | ..... |
| Elementary Landscape Design..... | ..... | ..... | ..... | ..... | ..... | ..... | 402 | 2 | 8 | ..... | ..... | ..... |
| Elementary Landscape Design..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 403 | 2 | 6 |
| Elementary Landscape Design..... | ..... | ..... | ..... | 404 | 5 | 6 | ..... | ..... | ..... | ..... | ..... | ..... |
| Elementary Landscape Design..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 406 | 5 | 5 |
| Appreciation of Landscape Design..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 500 | 2 | 3 |
| Intermediate Landscape Design..... | ..... | ..... | ..... | 501 | 5 | 6 | ..... | ..... | ..... | ..... | ..... | ..... |
| Intermediate Landscape Design..... | ..... | ..... | ..... | ..... | ..... | ..... | 502 | 5 | 5 | ..... | ..... | ..... |
| Intermediate Landscape Design..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 503 | 5 | 5 |
| Advanced Landscape Design..... | ..... | ..... | ..... | 504 | 8 | 3 | ..... | ..... | ..... | ..... | ..... | ..... |
| Advanced Landscape Design..... | ..... | ..... | ..... | ..... | ..... | ..... | 505 | 8 | 0 | ..... | ..... | ..... |
| Advanced Landscape Design..... | | | | | | | | | | 506 | 8 | 2 |
| Composition in Planting..... | | | | 521 | 3 | 5 | | | | | | |
| Composition in Planting..... | | | | | | | 522 | 3 | 10 | | | |

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| COURSE SUBJECT | SUMMER QUARTER | | | AUTUMN QUARTER | | | WINTER QUARTER | | | SPRING QUARTER | | |
|---|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|
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| Planting Design..... | ... | ... | ... | 524 | 5 | 1 | ... | ... | ... | ... | ... | ... |
| Planting Design..... | ... | ... | ... | ... | ... | ... | 525 | 5 | 3 | ... | ... | ... |
| Planting Design..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 526 | 5 | 3 |
| Landscape Construction..... | ... | ... | ... | 532 | 5 | 3 | ... | ... | ... | ... | ... | ... |
| Landscape Construction..... | ... | ... | ... | ... | ... | ... | 533 | 5 | 5 | ... | ... | ... |
| Landscape Construction..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 534 | 5 | 5 |
| History of Landscape Architecture..... | ... | ... | ... | ... | ... | ... | 542 | 3 | 7 | ... | ... | ... |
| Arrangement and Planting of Gardens and Small Properties..... | ... | ... | ... | ... | ... | ... | 550 | 5 | 2 | ... | ... | ... |
| Special Problems—Landscape Architecture.... | ... | ... | ... | 701 | 2-10 | 2 | 701 | 2-10 | 2 | 701 | 2-10 | 0 |
| BACTERIOLOGY | | | | | | | | | | | | |
| Veterinary Bacteriology..... | ... | ... | ... | 502 | 4 | 58 | ... | ... | ... | ... | ... | ... |
| Veterinary Bacteriology..... | ... | ... | ... | ... | ... | ... | 503 | 4 | 60 | ... | ... | ... |
| Microbiology in Relation to Man..... | 509 | 5 | 32 | 509 | 5 | 110 | 509 | 5 | 80 | 509 | 5 | 136 |
| General Bacteriology..... | 607 | 5 | 37 | 607 | 5 | 164 | 607 | 5 | 17 | 607 | 5 | 20 |
| Pathogenic Bacteriology..... | 608 | 3 | 19 | ... | ... | ... | 608 | 3 | 65 | ... | ... | ... |
| Pathogenic Bacteriology..... | 609 | 3 | 19 | ... | not given | ... | ... | ... | ... | ... | ... | ... |
| Dairy Bacteriology..... | ... | ... | ... | ... | ... | ... | 610 | 3 | 45 | ... | ... | ... |
| Dairy Bacteriology..... | ... | ... | ... | ... | ... | ... | 611 | 3 | 29 | ... | ... | ... |
| Bacteriology of Food, Water, and Sewage.... | ... | ... | ... | ... | ... | ... | 614 | 5 | 30 | ... | ... | ... |
| Immunity and Serum Therapy..... | ... | ... | ... | 617 | 3 | 33 | ... | ... | ... | 617 | 3 | 14 |
| Immunity and Serum Therapy..... | ... | ... | ... | 618 | 3 | 39 | ... | ... | ... | ... | ... | ... |
| Pathogenic Protozoa..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 619 | 3 | 42 |
| Advanced Dairy Bacteriology..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 621 | 3 | 4 |
| Special Technique in Pathogenic Bacteriology. | ... | ... | ... | ... | ... | ... | 626 | 5 | 19 | ... | ... | ... |
| Special Problems in Pathogenic Bacteriology.. | ... | ... | ... | ... | ... | ... | ... | ... | ... | 627 | 5 | 12 |
| Physiology of Bacteria..... | ... | ... | ... | 635 | 3 | 41 | ... | ... | ... | ... | ... | ... |
| Medical Bacteriology..... | ... | ... | ... | 641 | 5 | 70 | ... | ... | ... | 641 | 5 | 69 |
| Medical Bacteriology..... | ... | ... | ... | ... | ... | ... | 642 | 3 | 69 | ... | ... | ... |
| Applied Veterinary Bacteriology..... | ... | ... | ... | 643 | 2 | 50 | ... | ... | ... | ... | ... | ... |
| Applied Veterinary Bacteriology..... | ... | ... | ... | ... | ... | ... | 644 | 2 | 50 | ... | ... | ... |
| Applied Veterinary Bacteriology..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 645 | 2 | 48 |
| Filterable Viruses..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 649 | 3 | 43 |
| Dental Bacteriology..... | ... | ... | ... | ... | ... | ... | 652 | 7 | 44 | ... | ... | ... |
| Pathogenic Bacteriology..... | ... | ... | ... | ... | ... | ... | 655 | 3 | 62 | ... | ... | ... |
| Pathogenic Bacteriology..... | ... | ... | ... | ... | ... | ... | 656 | 3 | 61 | ... | ... | ... |
| Pathogenic Bacteriology..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 657 | 3 | 59 |
| Pathogenic Bacteriology..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 658 | 3 | 54 |

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|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Minor Investigations | 701 | 3-5 | 8 | 701 | 3-5 | 12 | 701 | 3-5 | 7 | 701 | 3-5 | 12 |
| Seminary in Bacteriology | ... | ... | ... | 807 | 1 | 47 | 808 | 1 | 39 | 809 | 1 | 36 |
| Research in Bacteriology | 950 | ... | 43 | 950 | ... | 32 | 950 | ... | 31 | 950 | ... | 27 |
| BOTANY | | | | | | | | | | | | |
| General Botany | 401 | 5 | 74 | 401 | 5 | 826 | 401 | 5 | 287 | 401 | 5 | 242 |
| General Botany | 402 | 5 | 30 | 402 | 5 | 111 | 402 | 5 | 626 | 402 | 5 | 267 |
| Local Flora | ... | ... | ... | ... | ... | ... | ... | ... | ... | 405 | 5 | 5 |
| Local Flora | ... | ... | ... | 406 | 5 | 13 | ... | ... | ... | 406 | 5 | 96 |
| General Plant Pathology | ... | ... | ... | 419 | 5 | 9 | ... | ... | ... | 419 | 5 | 22 |
| Diseases of Ornamental Plants | ... | ... | ... | ... | ... | ... | ... | ... | ... | 422 | 5 | 22 |
| General Botany (Special) | ... | ... | ... | ... | ... | ... | ... | ... | ... | 490 | 5 | 0 |
| Plant Ecology | 601 | 5 | 15 | 601 | 5 | 22 | ... | ... | ... | 602 | 5 | ... |
| Plant Ecology | 602 | 5 | 7 | ... | ... | ... | ... | ... | ... | 602 | 5 | 16 |
| Plant Physiology | 605 | 5 | 23 | 605 | 5 | 54 | 605 | 5 | 36 | ... | ... | ... |
| Plant Physiology | 606 | 5 | 8 | ... | ... | ... | 606 | 5 | 40 | 606 | 5 | 28 |
| Evolution of Plants | ... | ... | ... | ... | ... | ... | ... | ... | ... | 611 | 3 | 0 |
| General Morphology of Thallophytes and Bryophytes | ... | ... | ... | 613 | 5 | 5 | ... | ... | ... | ... | ... | ... |
| General Morphology of Pteridophytes and Spermatophytes | 614 | 5 | 12 | ... | ... | ... | 614 | 5 | 6 | ... | ... | ... |
| Plant Microtechnic | ... | ... | ... | ... | ... | ... | 615 | 5 | 19 | ... | ... | ... |
| Plant Microchemistry | ... | ... | ... | 617 | 5 | 9 | ... | ... | ... | ... | ... | ... |
| Economic Botany | ... | ... | ... | 619 | 5 | 7 | ... | ... | ... | ... | ... | ... |
| Physiological Methods | ... | ... | ... | ... | ... | ... | ... | ... | ... | 632 | 3 | 8 |
| Physiological Methods | ... | ... | ... | ... | ... | ... | 633 | 3 | 8 | ... | ... | ... |
| Plant Growth | ... | ... | ... | ... | ... | ... | ... | ... | ... | 634 | 3 | 15 |
| Plant Genetics | ... | ... | ... | ... | ... | ... | ... | ... | ... | 635 | 5 | 14 |
| Plant Cytology | ... | ... | ... | ... | ... | ... | ... | ... | ... | 637 | 3 | ... |
| Plant Anatomy | ... | ... | ... | ... | ... | ... | ... | ... | ... | 640 | 3 | 13 |
| Mycology | ... | ... | ... | 653 | 3 | 7 | ... | ... | ... | ... | ... | ... |
| Advanced Plant Pathology | ... | ... | ... | ... | ... | ... | 656 | 3 | 0 | ... | ... | ... |
| Freshwater Algae | ... | ... | ... | ... | ... | ... | 665 | 3 | 0 | ... | ... | ... |
| Special Problems: Taxonomy, Morphology, Physiology, Cytology and Anatomy | 701 | 2-5 | 4 | 701 | 2-5 | 6 | 701 | 2-5 | 9 | 701 | 2-5 | 18 |
| Principles of Taxonomy: Pteridophytes and Gymnosperms | ... | ... | ... | 807 | 5 | 6 | ... | ... | ... | ... | ... | ... |
| Principles of Taxonomy: Monocotyls | ... | ... | ... | ... | ... | ... | 808 | 5 | 4 | ... | ... | ... |
| Principles of Taxonomy: Dicotyls | ... | ... | ... | ... | ... | ... | ... | ... | ... | 809 | 5 | 0 |
| Botanical Colloquium | ... | ... | ... | 810 | 1 | 11 | 810 | 1 | 10 | 810 | 1 | 8 |
| Seminary in the History of Botany | ... | ... | ... | ... | ... | ... | 812 | 1 | 6 | ... | ... | ... |
| Research in Botany | 950 | ... | 14 | 950 | ... | 10 | 950 | ... | 7 | 950 | ... | 5 |
| BUSINESS ORGANIZATION | | | | | | | | | | | | |
| Introduction to Business | ... | ... | ... | 401 | 5 | 309 | 401 | 5 | 209 | 401 | 5 | 232 |
| Business Communications and Adjustment Practice | ... | ... | ... | 504 | 3 | 93 | 504 | 3 | 133 | 504 | 3 | 161 |
| Business Statistics | ... | ... | ... | ... | ... | ... | 614 | 4 | 16 | 614 | 4 | 20 |
| Public Aspects of Industry | ... | ... | ... | ... | ... | ... | 620 | 1 | 318 | ... | ... | ... |
| Business Law: Contracts | 621 | 3 | 57 | 621 | 3 | 176 | 621 | 3 | 169 | 621 | 3 | 109 |
| Business Law for Engineers and Architects | ... | ... | ... | 622 | 3 | 93 | 622 | 3 | 63 | 622 | 3 | 34 |
| Business Law: Agency and Sales | ... | ... | ... | 623 | 3 | 65 | 623 | 3 | 89 | 623 | 3 | 106 |
| Business Law: Negotiable Instruments | ... | ... | ... | 625 | 3 | 42 | 625 | 3 | 55 | 625 | 3 | 89 |

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| COURSE SUBJECT | SUMMER QUARTER | | | AUTUMN QUARTER | | | WINTER QUARTER | | | SPRING QUARTER | | |
|---|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|
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| Business Law: Partnerships and Corporations | ... | ... | ... | 627 | 3 | 40 | 627 | 3 | 35 | ... | ... | ... |
| Business Law: The Law of Banks and Banking | ... | ... | ... | ... | ... | ... | 681 | 3 | * | ... | ... | ... |
| Governmental Agencies and Business | ... | ... | ... | ... | ... | ... | 633 | 3 | 37 | ... | ... | ... |
| Corporate Organization and Control | 640 | 3 | 17 | 640 | 3 | 18 | 640 | 3 | 27 | 640 | 3 | 46 |
| Real Estate Principles | ... | ... | ... | 642 | 3 | 22 | ... | ... | ... | not offered | | |
| Real Estate Finance | ... | ... | ... | ... | ... | ... | 643 | 3 | 13 | ... | ... | ... |
| Real Estate Problems | ... | ... | ... | 644 | 1-3 | 1 | 644 | 1-3 | 0 | 644 | 1-3 | 0 |
| Trade Associations | ... | ... | ... | ... | ... | ... | 645 | 3 | 15 | ... | ... | ... |
| Corporation Finance | 650 | 5 | 51 | 650 | 5 | 129 | 650 | 5 | 155 | 650 | 5 | 144 |
| Industrial Finance | ... | ... | ... | 652 | 3 | 11 | ... | ... | ... | 652 | 3 | 18 |
| Industrial Consolidations and Mergers | ... | ... | ... | 653 | 3 | * | ... | ... | ... | ... | ... | ... |
| Railroad and Public Utility Finance | ... | ... | ... | 656 | 3 | 16 | 656 | 3 | 11 | ... | ... | ... |
| Investment Analysis | ... | ... | ... | ... | ... | ... | 657 | 3 | 39 | ... | ... | ... |
| Principles of Investment | ... | ... | ... | 658 | 3 | 22 | 658 | 3 | 25 | 658 | 3 | 21 |
| Investment Banking | ... | ... | ... | ... | ... | ... | ... | ... | ... | 659 | 3 | 23 |
| The Stock Market | 660 | 3 | 15 | 660 | 3 | 27 | 660 | 3 | 24 | 660 | 3 | 35 |
| The Money Market | 662 | 3 | 10 | ... | ... | ... | ... | ... | ... | 662 | 3 | 15 |
| Foreign Exchange | ... | ... | ... | ... | ... | ... | 665 | 3 | 13 | ... | ... | ... |
| Practice Work in Banking | ... | ... | ... | 666 | 1-3 | 0 | 666 | 1-3 | 4 | 666 | 1-3 | 4 |
| Bank Organization and Management | ... | ... | ... | ... | ... | ... | 670 | 1-3 | 7 | ... | ... | ... |
| Bank Organization and Management | ... | ... | ... | ... | ... | ... | ... | ... | ... | 671 | 1-3 | * |
| Savings and Trust Institutions | ... | ... | ... | 674 | 3 | * | ... | ... | ... | ... | ... | ... |
| Industrial Organization and Management | 680 | 5 | 61 | 680 | 5 | 138 | 680 | 5 | 111 | 680 | 5 | 136 |
| Industrial Management Field Work | 684 | 3-6 | 40 | 684 | 3-6 | 0 | 684 | 3-6 | 0 | 684 | 3-6 | 0 |
| Purchasing, Stores and Inventory Control | ... | ... | ... | ... | ... | ... | 685 | 3 | 17 | 685 | 3 | 19 |
| Personnel Organization and Management | 686 | 3 | 27 | 686 | 3 | 39 | ... | ... | ... | 686 | 3 | 44 |
| Personnel Organization and Management | ... | ... | ... | 687 | 3 | 13 | 687 | 3 | 17 | ... | ... | ... |
| Office Organization and Management | ... | ... | ... | ... | ... | ... | ... | ... | ... | 691 | 3 | 67 |
| Marketing | 700 | 5 | 40 | 700 | 5 | 224 | 700 | 5 | 151 | 700 | 5 | 154 |
| Marketing Research | ... | ... | ... | 702 | 3 | 9 | 702 | 3 | 20 | ... | ... | ... |
| Retail Merchandising | ... | ... | ... | 705 | 4 | 56 | 705 | 4 | 49 | 705 | 4 | 80 |
| Wholesaling | 706 | 4 | 33 | ... | ... | ... | 706 | 4 | 48 | ... | ... | ... |
| Credits and Collections | 709 | 4 | 49 | 709 | 4 | 72 | 709 | 4 | 39 | 709 | 4 | 60 |
| Salesmanship and Sales Management | ... | ... | ... | 712 | 4 | 73 | 712 | 4 | 74 | 712 | 4 | 105 |
| Principles of Advertising | ... | ... | ... | 716 | 3 | 77 | 716 | 3 | 84 | 716 | 3 | 83 |
| Advertising Practice | ... | ... | ... | ... | ... | ... | 717 | 3 | 37 | ... | ... | ... |
| Retail Advertising | ... | ... | ... | ... | ... | ... | ... | ... | ... | 719 | 4 | 29 |
| Exporting and Importing | ... | ... | ... | 720 | 3 | 22 | ... | ... | ... | ... | ... | ... |
| Exporting and Importing | ... | ... | ... | ... | ... | ... | 721 | 3 | 16 | ... | ... | ... |
| Field Work in Marketing | 725 | 3-6 | 5 | 725 | 3-6 | 0 | 725 | 3-6 | 0 | 725 | 3-6 | 0 |

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| COURSE SUBJECT | SUMMER QUARTER | | | AUTUMN QUARTER | | | WINTER QUARTER | | | SPRING QUARTER | | |
|---|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|
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| Seminary in Ceramic Engineering..... | ... | ... | ... | 815 | 1-5 | 0 | 815 | 1-5 | 6 | 815 | 1-5 | 0 |
| Research in Ceramic Engineering..... | ... | ... | ... | 950 | ... | 9 | 950 | ... | 10 | 950 | ... | 10 |
| CHEMICAL ENGINEERING | | | | | | | | | | | | |
| Chemical Engineering Practice Work..... | 501 | 5 | 0 | ... | ... | ... | ... | ... | ... | 501 | 5 | 54 |
| Contemporary Leadership and Policies in Chemical Engineering..... | 591 | 3 | 5 | not given | | | ... | ... | ... | ... | ... | ... |
| Contemporary Chemical Industry and Civilization | 592 | 3 | 3 | not given | | | ... | ... | ... | ... | ... | ... |
| Elements of Chemical Engineering..... | 691 | 2 | 4 | 691 | 2 | 84 | ... | ... | ... | ... | ... | ... |
| Elements of Chemical Engineering..... | ... | ... | ... | ... | ... | ... | 692 | 2 | 71 | ... | ... | ... |
| Chemical Engineering Operations Laboratory..... | 694 | 3 | 53 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Industrial Chemistry..... | 701 | 3 | 7 | 701 | 3 | 52 | ... | ... | ... | ... | ... | ... |
| Industrial Chemistry..... | ... | ... | ... | ... | ... | ... | 702 | 3 | 54 | ... | ... | ... |
| Inspection Trip to the East..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 703 | 0 | 113 |
| Inspection Trip to the West..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 704 | 0 | * |
| Chemical Engineering and Industrial Chemistry Laboratory..... | 706 | 2-5 | 9 | 706 | 2-5 | 50 | ... | ... | ... | ... | ... | ... |
| Engineering Chemistry and Chemical Engineering Laboratory..... | ... | ... | ... | ... | ... | ... | 707 | 3 | 50 | ... | ... | ... |
| Applied Electrochemistry..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 710 | 3 | 8 |
| Advanced Chemical Engineering Machinery Laboratory | ... | ... | ... | 712 | 2-6 | 24 | ... | ... | ... | ... | ... | ... |
| Advanced Chemical Engineering Machinery Laboratory | ... | ... | ... | ... | ... | ... | 713 | 2-6 | 22 | ... | ... | ... |
| Advanced Chemical Engineering Machinery Laboratory | ... | ... | ... | ... | ... | ... | ... | ... | ... | 714 | 2-6 | 8 |
| Analysis of Industrial Problems and Organization of Attack..... | 722 | 2 | 1 | 722 | 2 | 2 | 722 | 2 | 50 | 722 | 2 | 1 |
| Special Problems..... | 723 | 5-6 | 0 | 723 | 5-6 | 1 | 723 | 5-6 | 0 | 723 | 5-6 | 44 |
| Chemical Engineering Round-Table..... | ... | ... | ... | 731 | 1 | 50 | ... | ... | ... | ... | ... | ... |
| Introductory Problems in Chemical Engineering | 801 | 2-5 | 5 | 801 | 2-5 | 1 | 801 | 2-5 | 2 | 801 | 2-5 | 0 |
| Advanced Industrial Chemistry and Chemical Engineering | 900 | 2-5 | 6 | 900 | 2-5 | 1 | ... | ... | ... | ... | ... | ... |
| Advanced Industrial Chemistry and Chemical Engineering | ... | ... | ... | ... | ... | ... | 901 | 2-5 | 0 | ... | ... | ... |
| Advanced Industrial Chemistry and Chemical Engineering | ... | ... | ... | ... | ... | ... | ... | ... | ... | 902 | 2-5 | 0 |
| Seminary in Industrial Chemistry and Chemical Engineering..... | 905 | 2 | 22 | 905 | 2 | 36 | ... | ... | ... | ... | ... | ... |

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|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Seminary in Industrial Chemistry and Chemical Engineering..... | ... | ... | ... | ... | ... | ... | 906 | 2 | 34 | ... | ... | ... |
| Seminary in Industrial Chemistry and Chemical Engineering..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 907 | 2 | 23 |
| Research in Industrial Chemistry and Chemical Engineering..... | 950 | ... | 30 | 950 | ... | 30 | 950 | ... | 34 | 950 | ... | 30 |

CHEMISTRY

| | | | | | | | | | | | | |
|--|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|
| Elementary Chemistry | 401 | 5 | 30 | 401 | 5 | 659 | 401 | 5 | 125 | ... | ... | ... |
| Elementary Chemistry | 402 | 5 | 27 | ... | ... | ... | 402 | 5 | 475 | 402 | 5 | 120 |
| Qualitative Analysis | 403 | 5 | 15 | 403 | 5 | 44 | ... | ... | ... | 403 | 5 | 167 |
| Elementary Chemistry | ... | ... | ... | ... | ... | ... | 408 | 5 | 65 | ... | ... | ... |
| General Chemistry | 411 | 5 | 34 | 411 | 5 | 1067 | 411 | 5 | 158 | ... | ... | ... |
| General Chemistry | 412 | 5 | 32 | 412 | 5 | 56 | 412 | 5 | 894 | 412 | 5 | 163 |
| Qualitative Analysis | 413 | 5 | 30 | 413 | 5 | 104 | 413 | 5 | 40 | 413 | 5 | 546 |
| Laboratory Technique | ... | ... | ... | ... | ... | ... | 415 | 3 | * | ... | ... | ... |
| Quantitative Analysis | 421 | 3-4 | 41 | 421 | 3-4 | 331 | 421 | 3-4 | 66 | ... | ... | ... |
| Quantitative Analysis | 422 | 3-4 | 38 | ... | ... | ... | 422 | 3-4 | 265 | 422 | 4 | 53 |
| Quantitative Analysis | 423 | 3-4 | 27 | ... | ... | ... | ... | ... | ... | 423 | 3-4 | 301 |
| Problems in Quantitative Analysis..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 424 | 1 | 118 |
| Organic Chemistry | 451 | 5 | 19 | 451 | 5 | 60 | ... | ... | ... | ... | ... | ... |
| Organic Chemistry | 452 | 5 | 15 | ... | ... | ... | 452 | 5 | 55 | ... | ... | ... |
| Organic Chemistry..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 466 | 3 | 0 |
| Physical Chemistry | ... | ... | ... | ... | ... | ... | ... | ... | ... | 563 | 5 | 8 |
| Advanced Quantitative Chemistry..... | ... | ... | ... | 621 | 3-5 | 20 | ... | ... | ... | ... | ... | ... |
| General Quantitative Chemistry..... | ... | ... | ... | ... | ... | ... | 622 | 3 | 15 | ... | ... | ... |
| Advanced Qualitative Analysis..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 624 | 5 | 0 |
| Water Analysis | ... | ... | ... | ... | ... | ... | ... | ... | ... | 625 | 5 | 12 |
| Quantitative Microchemical Analysis..... | 626 | 5 | 10 | ... | ... | ... | 626 | 5 | 19 | ... | ... | ... |
| Industrial Water Problems..... | ... | ... | ... | ... | ... | ... | 627 | 3 | 3 | ... | ... | ... |
| Spectroscopic Analysis | ... | ... | ... | ... | ... | ... | 628 | 3-5 | 48 | ... | ... | ... |
| Qualitative Organic Analysis..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 641 | 4 | 69 |
| Quantitative Organic Analysis..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 642 | 3 | 0 |
| Organic Chemistry | ... | ... | ... | 645 | 3 | 144 | ... | ... | ... | ... | ... | ... |
| Organic Chemistry | ... | ... | ... | ... | ... | ... | 646 | 3 | 144 | ... | ... | ... |
| Organic Chemistry | 647 | 3 | 65 | 647 | 3 | 116 | ... | ... | ... | ... | ... | ... |
| Organic Chemistry | 648 | 3 | 67 | ... | ... | ... | 648 | 3 | 107 | ... | ... | ... |
| Organic Chemistry: Laboratory..... | 649 | 3 | 61 | 649 | 3 | 245 | ... | ... | ... | ... | ... | ... |
| Organic Chemistry: Laboratory..... | 650 | 3 | 55 | ... | ... | ... | 650 | 3 | 168 | ... | ... | ... |
| X-rays and Crystal Structure..... | ... | ... | ... | ... | ... | ... | 654 | 4 | * | ... | ... | ... |
| Advanced Inorganic Chemistry..... | 661 | 3 | 30 | 661 | 3 | 69 | ... | ... | ... | ... | ... | ... |
| Advanced Inorganic Chemistry..... | ... | ... | ... | ... | ... | ... | 662 | 3 | 72 | ... | ... | ... |
| The Rare Elements..... | 663 | 3 | 16 | ... | ... | ... | ... | ... | ... | 663 | 3 | 40 |
| Non-aqueous Solvents | ... | ... | ... | ... | ... | ... | ... | ... | ... | 668 | 3 | * |
| Inorganic Chemistry: Laboratory..... | 672 | 3 | 4 | ... | ... | ... | ... | ... | ... | 672 | 3 | 7 |
| The Phase Rule..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 675 | 2 | 32 |
| Physical Chemistry | ... | ... | ... | 680 | 3 | 19 | ... | ... | ... | ... | ... | ... |
| Physical Chemistry | 681 | 3 | 17 | 681 | 3 | 155 | ... | ... | ... | ... | ... | ... |
| Physical Chemistry | 682 | 3 | 8 | ... | ... | ... | 682 | 3 | 140 | ... | ... | ... |
| Physical Chemistry | ... | ... | ... | ... | ... | ... | ... | ... | ... | 683 | 3 | 116 |
| Physical Chemistry: Laboratory..... | 691 | 2 | 18 | 691 | 2 | 58 | 692 | 2 | 28 | 693 | 2 | 16 |

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ANNUAL REPORT

| COURSE SUBJECT | SUMMER QUARTER | | | AUTUMN QUARTER | | | WINTER QUARTER | | | SPRING QUARTER | | |
|---|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|
| | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections |
| Colloid Chemistry | ... | ... | ... | ... | ... | ... | 695 | 3 | 43 | ... | ... | ... |
| Theoretical Electrochemistry | ... | ... | ... | 696 | 3 | 34 | ... | ... | ... | ... | ... | ... |
| Minor Problems in Chemistry | 701 | 1-15 | 23 | 701 | 1-15 | 29 | 701 | 1-15 | 34 | 701 | 1-15 | 30 |
| Chemical Bibliography | ... | ... | ... | 782 | 1 | 91 | ... | ... | ... | ... | ... | ... |
| Chemical Biography | 783 | 1 | 21 | ... | ... | ... | 783 | 1 | 31 | ... | ... | ... |
| Seminary in Analytical Chemistry | ... | ... | ... | 822 | 3 | 8 | ... | ... | ... | ... | ... | ... |
| Seminary in Analytical Chemistry | ... | ... | ... | ... | ... | ... | 823 | 2 | 0 | ... | ... | ... |
| Seminary in Analytical Chemistry | ... | ... | ... | ... | ... | ... | ... | ... | ... | 824 | 2 | 10 |
| Historical Chemistry | ... | ... | ... | 830 | 2 | 16 | ... | ... | ... | ... | ... | ... |
| Advanced Organic Chemistry | 841 | 3 | 25 | 841 | 3 | 80 | ... | ... | ... | ... | ... | ... |
| Advanced Organic Chemistry | ... | ... | ... | ... | ... | ... | 842 | 3 | 80 | ... | ... | ... |
| Advanced Organic Chemistry | ... | ... | ... | ... | ... | ... | ... | ... | ... | 843 | 3 | 61 |
| Advanced Organic Chemistry: Laboratory | 844 | 3 | 11 | 844 | 3 | 40 | ... | ... | ... | ... | ... | ... |
| Advanced Organic Chemistry: Laboratory | 845 | 3 | 1 | ... | ... | ... | 845 | 3 | 21 | ... | ... | ... |
| Seminary in Organic Chemistry | ... | ... | ... | 850 | 3 | 40 | ... | ... | ... | ... | ... | ... |
| Seminary in Organic Chemistry | ... | ... | ... | ... | ... | ... | 851 | 3 | 14 | ... | ... | ... |
| Seminary in Organic Chemistry | ... | ... | ... | ... | ... | ... | ... | ... | ... | 852 | 3 | 42 |
| Seminary in Organic Chemistry | 854 | 3 | 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Physical Chemistry: Laboratory | 861 | 2-3 | 1 | 861 | 2-3 | 3 | 862 | 2-3 | 0 | 863 | 2-3 | 0 |
| Atomic Structure | ... | ... | ... | ... | ... | ... | 865 | 3 | * | ... | ... | ... |
| Seminary in Inorganic Chemistry | ... | ... | ... | 866 | 2 | 11 | ... | ... | ... | ... | ... | ... |
| Seminary in Inorganic Chemistry | ... | ... | ... | ... | ... | ... | 867 | 2 | 12 | ... | ... | ... |
| Lectures in Advanced Physical Chemistry | ... | ... | ... | 881 | 3 | 30 | 882 | 3 | 21 | 883 | 3 | 16 |
| Lectures in Advanced Physical Chemistry | ... | ... | ... | 887 | 3 | * | 888 | 3 | * | 889 | 3 | * |
| Seminary in Physical Chemistry | ... | ... | ... | ... | ... | ... | ... | ... | ... | 890 | 3 | 11 |
| Seminary in Colloid Chemistry and Electro-chemistry | 891 | 3 | 8 | ... | ... | ... | 891 | 3 | 4 | ... | ... | ... |
| Seminary in Physical Chemistry | ... | ... | ... | 892 | 3 | 10 | ... | ... | ... | ... | ... | ... |
| Research in Chemistry | 950 | ... | 45 | 950 | ... | 67 | 950 | ... | 69 | 950 | ... | 47 |
| CIVIL ENGINEERING | | | | | | | | | | | | |
| Land Surveying | ... | ... | ... | 401 | 5 | 39 | 401 | 5 | 11 | ... | ... | ... |
| City Surveying | ... | ... | ... | ... | ... | ... | 402 | 5 | 28 | 402 | 5 | 4 |
| Railroad Surveying | ... | ... | ... | 403 | 5 | 8 | ... | ... | ... | 403 | 5 | 22 |
| Topographic Drawing | ... | ... | ... | ... | ... | ... | 404 | 4 | 43 | ... | ... | ... |
| Applied Descriptive Geometry | ... | ... | ... | ... | ... | ... | ... | ... | ... | 405 | 4 | 25 |
| Summer Surveying Camp | 407 | 6 | 38 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Elementary Surveying | ... | ... | ... | 411 | 3 | 53 | 411 | 3 | 81 | 411 | 3 | 62 |
| Topographic Surveying | ... | ... | ... | 601 | 5 | 34 | ... | ... | ... | ... | ... | ... |

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|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-----|-----|
| Sanitary Engineering | ... | ... | ... | 602 | 5 | 44 | ... | ... | ... | ... | ... | ... |
| Timber Construction | ... | ... | ... | ... | ... | ... | 603 | 5 | 41 | ... | ... | ... |
| Stresses in Structures | ... | ... | ... | ... | ... | ... | ... | ... | ... | 604 | 5 | 41 |
| Roads and Pavements | ... | ... | ... | ... | ... | ... | ... | ... | ... | 605 | 5 | 45 |
| Cement and Concrete | ... | ... | ... | ... | ... | ... | 606 | 3 | 19 | 606 | 3 | 36 |
| Summer Surveying Camp | 607 | 6 | 6 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Precise Surveying | ... | ... | ... | 608 | 3 | 47 | ... | ... | ... | ... | ... | ... |
| Adjustment of Observations | ... | ... | ... | ... | ... | ... | 609 | 3 | 40 | ... | ... | ... |
| Concrete Design | ... | ... | ... | 701 | 5 | 35 | ... | ... | ... | ... | ... | ... |
| Bridge Design | ... | ... | ... | 702 | 5 | 43 | ... | ... | ... | ... | ... | ... |
| Water Supply Engineering | ... | ... | ... | ... | ... | ... | 703 | 5 | 36 | ... | ... | ... |
| Masonry Construction | ... | ... | ... | ... | ... | ... | 704 | 5 | 42 | ... | ... | ... |
| Masonry Structures | ... | ... | ... | ... | ... | ... | ... | ... | ... | 705 | 5 | 38 |
| Thesis | ... | ... | ... | 706 | 1 | 34 | ... | ... | ... | ... | ... | ... |
| Thesis | ... | ... | ... | 707 | 2 | 4 | 707 | 2 | 34 | See 708 | ... | ... |
| Thesis | ... | ... | ... | 708 | 5 | 0 | 708 | 5 | 0 | 708 | 5 | 25 |
| Geodetic Engineering | ... | ... | ... | ... | ... | ... | ... | ... | ... | 709 | 3 | 0 |
| Elementary Structural Engineering | ... | ... | ... | ... | ... | ... | ... | ... | ... | 711 | 3 | 39 |
| Trusses | ... | ... | ... | 712 | 5 | 9 | 712 | 5 | 4 | 712 | 5 | 3 |
| Concrete Design | ... | ... | ... | ... | ... | ... | ... | ... | ... | 713 | 5 | 23 |
| Transportation Engineering | ... | ... | ... | 730 | 3 | 14 | ... | ... | ... | ... | ... | ... |
| Contracts and Specifications | ... | ... | ... | ... | ... | ... | ... | ... | ... | 732 | 3 | 20 |
| Tall Buildings | ... | ... | ... | 733 | 3 | 12 | ... | ... | ... | ... | ... | ... |
| Advanced Bridges | ... | ... | ... | ... | ... | ... | 734 | 3 | 15 | ... | ... | ... |
| Highway Plans and Surveys | ... | ... | ... | 738 | 3 | 5 | ... | ... | ... | ... | ... | ... |
| Bituminous Roads and Surfaces | ... | ... | ... | ... | ... | ... | 739 | 3 | 5 | ... | ... | ... |
| Advanced Civil Engineering | ... | ... | ... | ... | ... | ... | 749 | 3 | 7 | ... | ... | ... |
| Research in Civil Engineering | ... | ... | ... | 950 | ... | 0 | 950 | ... | 1 | 950 | ... | 1 |

CLASSICAL LANGUAGES

GREEK

| | | | | | | | | | | | | |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Elementary Greek | ... | ... | ... | 401 | 5 | 4 | ... | ... | ... | ... | ... | ... |
| Elementary Greek | ... | ... | ... | ... | ... | ... | 402 | 5 | 2 | ... | ... | ... |
| Elementary Greek | ... | ... | ... | ... | ... | ... | ... | ... | ... | 403 | 5 | 2 |
| Homer | ... | ... | ... | 504 | 5 | 3 | ... | ... | ... | ... | ... | ... |
| Reading and Lectures | ... | ... | ... | ... | ... | ... | 601 | 3-5 | 1 | 601 | 3-5 | 1 |
| Private Reading and Minor Problems | ... | ... | ... | 610 | 2-5 | 0 | 610 | 2-5 | 0 | 610 | 2-5 | 0 |
| Greek Literature in Translation | ... | ... | ... | 660 | 3 | 0 | ... | ... | ... | ... | ... | ... |
| Principles of the Historical Study of Language | ... | ... | ... | ... | ... | ... | ... | ... | ... | 701 | 3 | 3 |
| Historical Greek and Latin Grammar | ... | ... | ... | 720 | 3 | 2 | ... | ... | ... | ... | ... | ... |
| Historical Greek and Latin Grammar | ... | ... | ... | ... | ... | ... | 721 | 3 | 2 | ... | ... | ... |
| Historical Greek and Latin Grammar | ... | ... | ... | ... | ... | ... | ... | ... | ... | 722 | 3 | 2 |

LATIN

| | | | | | | | | | | | | |
|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Elementary Reading | 304 | 3 | 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Elementary Reading | 305 | 3 | 9 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Elementary Latin | ... | ... | ... | 401 | 5 | 10 | ... | ... | ... | ... | ... | ... |
| Elementary Latin and Caesar | ... | ... | ... | ... | ... | ... | 402 | 5 | 5 | ... | ... | ... |
| Caesar | ... | ... | ... | ... | ... | ... | ... | ... | ... | 403 | 5 | 5 |
| Vergil | ... | ... | ... | 405 | 5 | 12 | ... | ... | ... | ... | ... | ... |
| Horace, Livy | ... | ... | ... | 406 | 5 | 28 | ... | ... | ... | ... | ... | ... |
| Livy, Horace | ... | ... | ... | ... | ... | ... | 407 | 5 | 31 | ... | ... | ... |

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| COURSE SUBJECT | SUMMER QUARTER | | | AUTUMN QUARTER | | | WINTER QUARTER | | | SPRING QUARTER | | |
|---|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|
| | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections |
| Latin Comedy | ... | ... | ... | ... | ... | ... | ... | ... | ... | 408 | 5 | 20 |
| Tacitus, Catullus | ... | ... | ... | 501 | 3 | 9 | ... | ... | ... | ... | ... | ... |
| Letters of Pliny, and Cicero, Martial | ... | ... | ... | ... | ... | ... | 502 | 3 | 11 | ... | ... | ... |
| Ovid, Petronius | ... | ... | ... | ... | ... | ... | ... | ... | ... | 503 | 3 | 9 |
| Grammatical Review | ... | ... | ... | ... | ... | ... | 505 | 2 | 9 | ... | ... | ... |
| Roman Private Life | ... | ... | ... | 507 | 3 | 9 | ... | ... | ... | ... | ... | ... |
| Roman Art and Archaeology | 508 | 3 | 6 | ... | ... | ... | 508 | 3 | 6 | ... | ... | ... |
| Medical Latin | ... | ... | ... | 510 | 3 | 0 | ... | ... | ... | 510 | 3 | 0 |
| Latin Satire | ... | ... | ... | 602 | 3 | 0 | ... | ... | ... | ... | ... | ... |
| Lucretius | ... | ... | ... | ... | ... | ... | ... | ... | ... | 604 | 3 | 1 |
| Roman Art and Archaeology | 608 | 3 | 7 | not given | | | ... | ... | ... | ... | ... | ... |
| Latin Prose Composition: First Course | ... | ... | ... | ... | ... | ... | 612 | 3 | 5 | ... | ... | ... |
| Latin Prose Composition: Second Course | ... | ... | ... | 613 | 1 | 0 | 613 | 1 | 3 | 613 | 1 | 2 |
| Proseminary I | ... | ... | ... | ... | ... | ... | 615 | 3 | 3 | ... | ... | ... |
| Proseminary II | ... | ... | ... | ... | ... | ... | ... | ... | ... | 616 | 3 | 6 |
| Proseminary III | 617 | 3 | 23 | not given | | | ... | ... | ... | ... | ... | ... |
| Vulgar Latin | ... | ... | ... | ... | ... | ... | 627 | 3 | 8 | ... | ... | ... |
| History of Literary Tradition | ... | ... | ... | ... | ... | ... | ... | ... | ... | 629 | 3 | 0 |
| Private Reading and Minor Problems | 631 | 2-5 | 20 | 631 | 2-5 | 9 | 631 | 2-5 | 1 | 631 | 2-5 | 1 |
| Advanced Translation or Technical Course | 635 | 3 | 11 | 635 | 3 | 9 | ... | ... | ... | ... | ... | ... |
| Advanced Translation or Technical Courses | ... | ... | ... | ... | ... | ... | 636 | 3 | 0 | ... | ... | ... |
| Advanced Translation or Technical Courses | ... | ... | ... | ... | ... | ... | ... | ... | ... | 637 | 3 | 0 |
| History of Roman Literature | 650 | 3 | 5 | 650 | 3 | 4 | ... | ... | ... | ... | ... | ... |
| History of Roman Literature | ... | ... | ... | ... | ... | ... | 651 | 3 | 4 | ... | ... | ... |
| History of Roman Literature | ... | ... | ... | ... | ... | ... | ... | ... | ... | 652 | 3 | 2 |
| Seminary | 800 | 3 | 0 | 800 | 3 | 2 | 800 | 3 | 2 | 800 | 3 | 2 |
| Research in Classical Languages | 950 | ... | 5 | 950 | ... | 0 | 950 | ... | 0 | 950 | ... | 2 |
| DAIRY TECHNOLOGY | | | | | | | | | | | | |
| Principles of Dairy Technology | ... | ... | ... | 401 | 5 | 105 | 401 | 5 | 82 | 401 | 5 | 93 |
| Testing of Milk Products | ... | ... | ... | 403 | 5 | 10 | 403 | 5 | 26 | 403 | 5 | 17 |
| Butter Industry | ... | ... | ... | 405 | 5 | 10 | 405 | 5 | 11 | 405 | 5 | 10 |
| Soft Cheese Manufacturing | ... | ... | ... | 407 | 3 | 12 | ... | ... | ... | 407 | 3 | 21 |
| Dairy Engineering | ... | ... | ... | ... | ... | ... | 411 | 3 | 16 | ... | ... | ... |
| Management of Dairy Plants | ... | ... | ... | ... | ... | ... | 605 | 3 | 29 | ... | ... | ... |
| Market Milk | ... | ... | ... | 607 | 5 | 31 | 607 | 5 | 48 | ... | ... | ... |
| Hard Cheese Manufacturing | ... | ... | ... | ... | ... | ... | 608 | 5 | 26 | ... | ... | ... |
| Condensed Milk and Milk Powders | ... | ... | ... | 609 | 3 | 31 | ... | ... | ... | ... | ... | ... |
| Ice Cream Manufacturing | ... | ... | ... | 610 | 5 | 29 | ... | ... | ... | ... | ... | ... |

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|--|-----|-----|-----|-----|------|-----|-----|------|-----|-----|------|-----|
| Dairy Products Scoring..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Special Problems | ... | ... | ... | 701 | 3-15 | 1 | 701 | 3-15 | 4 | 615 | 3 | 23 |
| Dairy Seminary | ... | ... | ... | 702 | 1 | 34 | 702 | 1 | 19 | 701 | 3-15 | 0 |
| Research in Dairy Technology..... | 950 | ... | 4 | 950 | ... | 4 | 950 | ... | 4 | 702 | 1 | 20 |
| | | | | | | | | | | 950 | ... | 1 |
| OPERATIVE DENTISTRY | | | | | | | | | | | | |
| Dental Anatomy | ... | ... | ... | 601 | 2 | 57 | ... | ... | ... | ... | ... | ... |
| Dental Anatomy | ... | ... | ... | ... | ... | ... | 602 | 4 | 56 | ... | ... | ... |
| Dental Anatomy and Operative Technic..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 603 | 2 | 56 |
| Orientation in Dentistry..... | ... | ... | ... | 604 | 1 | 56 | ... | ... | ... | ... | ... | ... |
| Operative Technic | ... | ... | ... | 605 | 3 | 49 | ... | ... | ... | ... | ... | ... |
| Operative Technic | ... | ... | ... | ... | ... | ... | 606 | 3 | 46 | ... | ... | ... |
| Principles and Practice of Operative Dentistry | ... | ... | ... | 609 | 2 | 40 | ... | ... | ... | ... | ... | ... |
| Principles and Practice of Operative Dentistry | ... | ... | ... | ... | ... | ... | 610 | 3 | 39 | ... | ... | ... |
| Principles and Practice of Operative Dentistry | ... | ... | ... | ... | ... | ... | ... | ... | ... | 611 | 3 | 44 |
| Principles and Practice of Operative Dentistry | ... | ... | ... | 613 | 5 | 56 | ... | ... | ... | ... | ... | ... |
| Principles and Practice of Operative Dentistry | ... | ... | ... | ... | ... | ... | 614 | 6 | 55 | ... | ... | ... |
| Principles and Practice of Operative Dentistry | ... | ... | ... | ... | ... | ... | ... | ... | ... | 615 | 6 | 56 |
| Dental Hygiene: Immunology..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 616 | 1 | 47 |
| Oral Hygiene: Immunology..... | ... | ... | ... | 617 | 2 | 40 | ... | ... | ... | ... | ... | ... |
| Oral Hygiene: Immunology..... | ... | ... | ... | ... | ... | ... | 618 | 2 | 40 | ... | ... | ... |
| Porcelain Technic | ... | ... | ... | ... | ... | ... | ... | ... | ... | 619 | 1 | 40 |
| Special Dental Histology..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 620 | 3 | 33 |
| Dental Medicine: Pharmacology..... | ... | ... | ... | 621 | 2 | 39 | ... | ... | ... | ... | ... | ... |
| Dental Medicine: Pharmacology..... | ... | ... | ... | ... | ... | ... | 622 | 1 | 39 | ... | ... | ... |
| Dental Medicine | ... | ... | ... | ... | ... | ... | ... | ... | ... | 623 | 2 | 39 |
| Dental Medicine | ... | ... | ... | 625 | 2 | 56 | ... | ... | ... | ... | ... | ... |
| Dental Medicine | ... | ... | ... | ... | ... | ... | 626 | 2 | 55 | ... | ... | ... |
| Dental Medicine | ... | ... | ... | ... | ... | ... | ... | ... | ... | 627 | 2 | 56 |
| Principles & Practice of Exodontia & X-ray.. | ... | ... | ... | 628 | 2 | 39 | ... | ... | ... | ... | ... | ... |
| Principles & Practice of Exodontia & X-ray.. | ... | ... | ... | ... | ... | ... | 629 | 2 | 39 | ... | ... | ... |
| Principles & Practice of Exodontia & X-ray.. | ... | ... | ... | ... | ... | ... | ... | ... | ... | 630 | 2 | 39 |
| Orthodontia Principles and Technic..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 631 | 2 | 47 |
| Orthodontia Principles and Practice..... | ... | ... | ... | 631 | 1 | 40 | ... | ... | ... | ... | ... | ... |
| Orthodontia Principles and Practice..... | ... | ... | ... | ... | ... | ... | 634 | 2 | 39 | ... | ... | ... |
| Orthodontia Principles and Practice..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 635 | 2 | 40 |
| Anesthetics | ... | ... | ... | 637 | 2 | 55 | ... | ... | ... | ... | ... | ... |
| Anesthetics | ... | ... | ... | ... | ... | ... | 638 | 2 | 55 | ... | ... | ... |
| Anesthetics | ... | ... | ... | ... | ... | ... | ... | ... | ... | 639 | 2 | 56 |
| Ethics, Economics, History and Jurisprudence | ... | ... | ... | 641 | 1 | 56 | ... | ... | ... | ... | ... | ... |
| Ethics, Economics, History and Jurisprudence | ... | ... | ... | ... | ... | ... | 642 | 1 | 55 | ... | ... | ... |
| Ethics, Economics, History and Jurisprudence | ... | ... | ... | ... | ... | ... | ... | ... | ... | 643 | 1 | 56 |
| Oral Surgery | ... | ... | ... | 645 | 2 | 55 | ... | ... | ... | ... | ... | ... |
| Oral Surgery | ... | ... | ... | ... | ... | ... | 646 | 2 | 55 | ... | ... | ... |
| Oral Surgery | ... | ... | ... | ... | ... | ... | ... | ... | ... | 647 | 2 | 56 |
| Dental Diagnosis and Treatment Planning..... | ... | ... | ... | ... | ... | ... | 651 | 2 | 40 | ... | ... | ... |
| Dental Diagnosis and Treatment Planning..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 652 | 2 | 51 |
| Minor Problems in Operative Dentistry..... | ... | ... | ... | 701 | 1-3 | 0 | 702 | 1-3 | 0 | 703 | 1-3 | 0 |
| Research in Operative Dentistry..... | ... | ... | ... | 950 | ... | 0 | 950 | ... | 0 | 950 | ... | 0 |
| PROSTHESIS | | | | | | | | | | | | |
| Prosthetic Dentistry Technic..... | ... | ... | ... | 601 | 4 | 57 | ... | ... | ... | ... | ... | ... |

THE WORK OF INSTRUCTORS—1938-1939 (Cont'd.)

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ANNUAL REPORT

| COURSE SUBJECT | SUMMER QUARTER | | | AUTUMN QUARTER | | | WINTER QUARTER | | | SPRING QUARTER | | |
|---|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|
| | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections |
| Prosthetic Dentistry Technic..... | ... | ... | ... | ... | ... | ... | 602 | 4 | 56 | ... | ... | ... |
| Prosthetic Dentistry Technic..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 603 | 5 | 60 |
| Prosthetic Dentistry Technic..... | ... | ... | ... | 605 | 3 | 49 | ... | ... | ... | ... | ... | ... |
| Prosthetic Dentistry Technic..... | ... | ... | ... | ... | ... | ... | 606 | 2 | 46 | ... | ... | ... |
| Prosthetic Dentistry Technic..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 607 | 4 | 48 |
| Prosthetic Dentistry Principles and Practice.. | ... | ... | ... | 609 | 2 | 41 | ... | ... | ... | ... | ... | ... |
| Prosthetic Dentistry Principles and Practice.. | ... | ... | ... | ... | ... | ... | 610 | 2 | 40 | ... | ... | ... |
| Prosthetic Dentistry Principles and Practice.. | ... | ... | ... | ... | ... | ... | ... | ... | ... | 611 | 3 | 41 |
| Prosthetic Dentistry Practice..... | ... | ... | ... | 613 | 2 | 55 | ... | ... | ... | ... | ... | ... |
| Prosthetic Dentistry Practice..... | ... | ... | ... | ... | ... | ... | 614 | 2 | 55 | ... | ... | ... |
| Prosthetic Dentistry Practice..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 615 | 2 | 56 |
| Dental Metallurgy | ... | ... | ... | 619 | 1 | 49 | ... | ... | ... | ... | ... | ... |
| Crown and Bridge Technic..... | ... | ... | ... | 621 | 3 | 49 | ... | ... | ... | ... | ... | ... |
| Crown and Bridge Technic..... | ... | ... | ... | ... | ... | ... | 622 | 2 | 39 | ... | ... | ... |
| Crown and Bridge Technic..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 623 | 3 | 47 |
| Crown and Bridge Technic..... | ... | ... | ... | 625 | 2 | 40 | ... | ... | ... | ... | ... | ... |
| Crown and Bridge Technic..... | ... | ... | ... | ... | ... | ... | 626 | 2 | 55 | ... | ... | ... |
| Crown and Bridge Technic..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 627 | 2 | 40 |
| Crown and Bridge Practice..... | ... | ... | ... | 629 | 2 | 55 | ... | ... | ... | ... | ... | ... |
| Crown and Bridge Practice..... | ... | ... | ... | ... | ... | ... | 630 | 2 | 55 | ... | ... | ... |
| Crown and Bridge Practice..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 631 | 2 | 56 |
| Crown and Bridge Practice..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 706 | 1-3 | 0 |
| Minor Problems in Prosthesis..... | ... | ... | ... | 704 | 1-3 | ... | 705 | 1-3 | 0 | 706 | 1-3 | 0 |
| Research in Prosthesis..... | ... | ... | ... | 950 | ... | 0 | 950 | ... | 0 | 950 | ... | 0 |
| ECONOMICS | | | | | | | | | | | | |
| Survey of the Development of Modern Economic Society..... | 400 | 5 | 13 | 400 | 5 | 326 | 400 | 5 | 202 | 400 | 5 | 229 |
| Principles of Economics..... | 401 | 5 | 101 | 401 | 5 | 731 | 401 | 5 | 385 | 401 | 5 | 205 |
| Principles of Economics..... | 402 | 5 | 69 | 402 | 5 | 174 | 402 | 5 | 592 | 402 | 5 | 329 |
| Principles of Economics for Engineers..... | ... | ... | ... | 403 | 3 | 146 | 403 | 3 | 131 | 403 | 3 | 89 |
| Principles of Economics for Engineers..... | ... | ... | ... | 404 | 3 | 81 | 404 | 3 | 101 | 404 | 3 | 106 |
| Economic History of the United States..... | ... | ... | ... | 501 | 5 | 10 | ... | ... | ... | ... | ... | ... |
| Economic History of the United States..... | ... | ... | ... | ... | ... | ... | 502 | 5 | 8 | ... | ... | ... |
| The Evolution of Modern Capitalism..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 503 | 5 | 19 |
| Outlines of Public Finance..... | 509 | 5 | 31 | 509 | 5 | 36 | 509 | 5 | 49 | 509 | 5 | 41 |
| Introduction to the Study of Labor Problems.. | 510 | 3 | 22 | 510 | 3 | 56 | 510 | 3 | 68 | 510 | 3 | 69 |
| The International Organization of Labor..... | ... | ... | ... | ... | ... | ... | 513 | 3 | 23 | ... | ... | ... |
| Money and Banking..... | 520 | 5 | 41 | 520 | 5 | 277 | 520 | 5 | 126 | 520 | 5 | 119 |
| Elementary Economic Statistics..... | 522 | 3 | 33 | 522 | 3 | 134 | 522 | 3 | 106 | 522 | 3 | 108 |

| | | | | | | | | | | | | |
|--|-----|--------|-----|-----------|--------|-----|-------------|------|-----|-----|------|-----|
| tary Schools..... | 522 | 3 | 81 | 522 | 3 | 103 | ... | ... | ... | ... | ... | ... |
| Teaching Nature Study and Science in the Elementary School..... | 528 | 3 | 92 | ... | ... | ... | 528 | 3 | 18 | ... | ... | ... |
| The Theory and Practices in Secondary School Teaching | 533 | 4 | 67 | 533 | 4 | 220 | 533 | 4 | 209 | 533 | 4 | 66 |
| The Theory and Practices in Secondary School Teaching | 534 | 4 | 68 | 534 | 4 | 63 | 534 | 4 | 147 | 534 | 4 | 161 |
| Student Teaching in Secondary Schools..... | 536 | 3-12 | * | 536 | 3-12 | 122 | 536 | 3-12 | 54 | 536 | 3-12 | 306 |
| Laboratory Practicum for Teachers in Science Field and Laboratory Work for Teachers of Mathematics | 539 | 2-4 | 23 | not given | | | ... | ... | ... | ... | ... | ... |
| The Teaching and Supervision of Journalism in Secondary Schools..... | 544 | 3 | 20 | not given | | | ... | ... | ... | ... | ... | ... |
| Special Methods in Industrial Education..... | 546 | 3 | 12 | not given | | | ... | ... | ... | ... | ... | ... |
| Minor Problems | 565 | 5 | 62 | ... | ... | ... | 565 | 5 | 36 | ... | ... | ... |
| Radio in Education..... | 600 | 2-4 | 279 | 600 | 2-4 | 74 | 600 | 2-4 | 90 | 600 | 2-4 | 95 |
| Visual Aids | 601 | 2 | 40 | ... | ... | ... | 601 | 2 | 8 | ... | ... | ... |
| Foundations of Education..... | 602 | 3 | 93 | ... | ... | ... | 602 | 3 | 22 | ... | ... | ... |
| Conceptions of Mind in Educational Theory.. | 606 | 5 | 34 | 606 | 5 | 15 | 606 | 5 | 0 | 606 | 5 | 7 |
| The Thinking Process in Its Educational Bearings | 610 | 3 | 140 | 610 | 3 | 105 | ... | ... | ... | ... | ... | ... |
| Modern Tendencies in Education..... | 611 | 3 | 32 | ... | ... | ... | 611 | 3 | 88 | ... | ... | ... |
| Moral Ideals in Education..... | 617 | 3 | 238 | ... | ... | ... | ... | ... | ... | 617 | 3 | 84 |
| Social Education..... | 624 | 3 | * | ... | ... | ... | ... | ... | ... | 620 | 3 | 43 |
| The History of Modern Education..... | 624 | 3 | * | ... | ... | ... | ... | ... | ... | 624 | 3 | 41 |
| Historical and Comparative Study of Sec- ondary Education..... | 632 | 5 | 150 | 632 | 5 | 151 | 632 | 5 | 169 | 632 | 5 | 152 |
| Historical and Comparative Study of Sec- ondary Education..... | 633 | 2 | * | 633 | 2 | 6 | ... | ... | ... | ... | ... | ... |
| The Evolution of Educational Thought..... | ... | ... | 24 | not given | | | 634 | 3 | 10 | ... | ... | ... |
| Great Teachers..... | 635 | 5 | 24 | not given | | | ... | ... | ... | ... | ... | ... |
| Major Sequence in Childhood Education..... | 639 | 2 | 21 | ... | ... | ... | ... | ... | ... | 639 | 2 | 34 |
| Major Sequence in Childhood Education..... | 651 | 3 | 196 | 651 | 3 | 35 | ... | ... | ... | ... | ... | ... |
| Laboratory Study in Elementary Education.. | ... | ... | ... | ... | ... | ... | 652 | 3 | 30 | ... | ... | ... |
| Activities Program for Teachers in Elemen- tary Schools..... | 653 | 3 | 29 | not given | | | ... | ... | ... | ... | ... | ... |
| Problems in the Direction and Supervision of Elementary Teacher Training..... | 655 | 3 | 101 | ... | ... | ... | 655 | 3 | 119 | ... | ... | ... |
| Problems of Elementary Teachers in Service. | 658 | 3 | 25 | 658 | 3 | 11 | ... | ... | ... | ... | ... | ... |
| Laboratory Problems in Child Development.. | 661 | 2 | 199 | ... | ... | ... | not offered | | | ... | ... | ... |
| Health Education for Teachers..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 662 | 3 | 40 |
| Teaching Literature in the High School..... | 664 | 3 | 74 | ... | ... | ... | ... | ... | ... | 664 | 3 | 107 |
| Teaching Composition in High School..... | 670 | 5 | 93 | 670 | 5 | 29 | 670 | 5 | 33 | 670 | 5 | 29 |
| Spoken English: Teachers' Course..... | 671 | 5 | 79 | 671 | 5 | 31 | 671 | 5 | 37 | 671 | 5 | 25 |
| Organizing History for the Classroom..... | 675 | 3 | 11 | not given | | | ... | ... | ... | 675 | 3 | 19 |
| The Teaching of the Social Studies..... | 677 | 5 | 65 | 677 | 5 | 40 | 677 | 5 | 38 | 677 | 5 | 32 |
| The Teaching of Biology..... | 678 | 5 | 67 | 678 | 5 | 30 | 678 | 5 | 37 | 678 | 5 | 47 |
| The Teaching of General and Physical Science | 683 | 3 | * | ... | ... | ... | ... | ... | ... | 683 | 3 | 37 |
| The Teaching of Nursing..... | 684 | 3 | 53 | ... | ... | ... | ... | ... | ... | 684 | 3 | 44 |
| The Teaching of Math. in Secondary Schools. | ... | ... | ... | 685 | 3 | 51 | ... | ... | ... | 685 | 3 | 14 |
| The Teaching of German..... | 687 | 3 | 31 | 687 | 3 | 25 | ... | ... | ... | ... | ... | ... |
| Methods and Techniques of Teaching Ro- mance Languages..... | 690 | 3 | * | ... | ... | ... | 690 | 3 | 3 | ... | ... | ... |
| | 692 | 5 or 7 | 17 | 692 | 5 or 7 | 32 | ... | ... | ... | ... | ... | ... |

| COURSE SUBJECT | SUMMER QUARTER | | | AUTUMN QUARTER | | | WINTER QUARTER | | | SPRING QUARTER | | |
|--|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|
| | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections |
| The Teaching of Latin..... | 694 | 3 | 10 | ... | ... | ... | ... | ... | ... | 694 | 3 | 9 |
| The Teaching of Mechanical Drawing I..... | 696 | 3 | * | 696 | 3 | 46 | ... | ... | ... | ... | ... | ... |
| The Teaching of Mechanical Drawing II..... | 697 | 3 | * | ... | ... | ... | 697 | 3 | 60 | ... | ... | ... |
| Extra-curricular Activities of Secon. Schools..... | 699 | 3 | 55 | ... | ... | ... | 699 | 3 | 18 | ... | ... | ... |
| Major Course in Secondary Education I..... | 701 | 5 | 283 | 701 | 5 | 23 | ... | ... | ... | ... | ... | ... |
| Major Course in Secondary Education II..... | 702 | 5 | 131 | ... | ... | ... | 702 | 5 | 24 | ... | ... | ... |
| Laboratory Study in Secondary Education..... | 704 | 3 | 39 | not given | | | ... | ... | ... | ... | ... | ... |
| Analysis and Organization of Subject Matter in Industrial Education..... | 714 | 3 | 52 | ... | ... | ... | 714 | 3 | 21 | ... | ... | ... |
| Laboratory Planning for Industrial Arts..... | 715 | 3 | 53 | 715 | 3 | 19 | ... | ... | ... | ... | ... | ... |
| Fundamental Principles of Teaching Commercial Subjects..... | 721 | 3 | 31 | 721 | 3 | 22 | ... | ... | ... | 721 | 3 | 12 |
| Principles of Commercial Education..... | 722 | 3 | 40 | not given | | | ... | ... | ... | ... | ... | ... |
| Administration and Supervision of Commercial Education..... | 724 | 3 | 39 | not given | | | ... | ... | ... | ... | ... | ... |
| Selecting and Teaching Junior High School Commercial Subjects..... | 725 | 3 | 26 | not given | | | ... | ... | ... | ... | ... | ... |
| Selecting and Teaching Senior High School Commercial Subjects..... | 726 | 3 | 38 | not given | | | ... | ... | ... | ... | ... | ... |
| Introduction to School Administration..... | 727 | 3 | 154 | 727 | 3 | 15 | ... | ... | ... | ... | ... | ... |
| Administration of Rural and Village Schools..... | 729 | 3 | 112 | ... | ... | ... | 729 | 3 | 8 | ... | ... | ... |
| Admin. of Physical and Health Education..... | 731 | 3 | 21 | not given | | | ... | ... | ... | ... | ... | ... |
| Business Administration of Schools..... | 735 | 3 | 96 | ... | ... | ... | 735 | 3 | 16 | ... | ... | ... |
| Administration of Pupil Personnel..... | 738 | 3 | 99 | ... | ... | ... | 738 | 3 | 14 | 738 | 3 | 26 |
| Public School Relations..... | 740 | 2 | 64 | 740 | 2 | 18 | ... | ... | ... | ... | ... | ... |
| Legal Aspects of School Administration..... | 742 | 3 | 0 | ... | ... | ... | ... | ... | ... | 742 | 3 | 16 |
| Administration of Teacher Retirement and Pension Systems..... | 744 | 1 | 15 | not given | | | ... | ... | ... | ... | ... | ... |
| Administration of School Libraries..... | 746 | 2 | 0 | not given | | | ... | ... | ... | ... | ... | ... |
| Fundamentals of Guidance..... | 750 | 5 | 138 | 750 | 5 | 36 | ... | ... | ... | ... | ... | ... |
| Supervised Practice in Counseling..... | 751 | 5 | 18 | ... | ... | ... | 751 | 3-5 | 10 | ... | ... | ... |
| Guidance through Social-Economic Studies..... | 752 | 5 | 37 | ... | ... | ... | ... | ... | ... | 752 | 5 | 10 |
| The Administration of Guidance Programs..... | 754 | 3 | 24 | ... | ... | ... | ... | ... | ... | 754 | 3 | 12 |
| Supervised Teaching in Special Classes..... | 764 | 5 | * | ... | ... | ... | ... | ... | ... | 764 | 5 | 0 |
| Principles and Methods of Teaching the Mentally Retarded..... | 765 | 3 | 26 | not given | | | ... | ... | ... | ... | ... | ... |
| Principles and Methods of Teaching Behavior Problem Children..... | 766 | 3 | 44 | ... | ... | ... | 766 | 3 | 13 | ... | ... | ... |
| Administration of Special Education..... | 767 | 3 | 25 | ... | ... | ... | ... | ... | ... | 767 | 3 | 6 |

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|---|-----|-----------|-----|-----|-----------|-----|-----|-----|-----|-----|-----------|-----|
| Adult Education | 770 | 3 | 28 | ... | ... | ... | 770 | 3 | 12 | ... | ... | ... |
| The Preparation of Theses and Other Scientific Reports | 802 | 3 | 52 | ... | ... | ... | 802 | 3 | 21 | ... | ... | ... |
| Educational Experimentation | 804 | 5 | 46 | ... | ... | ... | ... | ... | ... | 804 | 5 | 31 |
| Techniques of Curriculum Construction | 806 | 5 | 6 | 806 | 5 | 6 | ... | ... | ... | ... | ... | ... |
| Seminary: Special Problems in Educational Theory | 811 | 3 | 9 | 811 | 3 | 16 | 811 | 3 | 12 | 811 | 3 | 8 |
| Comparative Education | 814 | 5 | 44 | ... | ... | ... | 814 | 5 | 7 | ... | ... | ... |
| Seminary in the History of Education | 816 | 2-5 | 2 | 816 | 2-5 | 0 | ... | ... | ... | ... | ... | ... |
| Curriculum Problems in Elementary Education | 824 | 3 | 34 | ... | ... | ... | ... | ... | ... | 824 | 3 | 22 |
| Elementary School Administration and Supervision | 825 | 3 | 28 | 825 | 3 | 17 | ... | ... | ... | 825 | 3 | 15 |
| Practice in Supervision | 826 | 3 | * | ... | ... | ... | ... | ... | ... | 826 | 3 | * |
| Seminary in Elementary Education | 828 | 2-5 | 35 | 828 | 2-5 | 5 | ... | ... | ... | ... | ... | ... |
| High School Administration & Supervision I | 829 | 5 | 76 | ... | ... | ... | ... | ... | ... | 829 | 5 | 6 |
| High School Administration & Supervision II | 830 | 5 | 91 | ... | ... | ... | 830 | 5 | 7 | ... | ... | ... |
| The Secondary School Curriculum | 831 | 5 | 86 | ... | ... | ... | ... | ... | ... | 831 | 5 | 32 |
| The Junior College | 832 | 3 | * | ... | ... | ... | 832 | 3 | 0 | ... | ... | ... |
| Supervised Field Service in Education | ... | ... | ... | 834 | 3-5 | 2 | ... | ... | ... | ... | ... | ... |
| Supervised Field Service in Education | ... | ... | ... | ... | ... | ... | 835 | 3-5 | 0 | 835 | 3-5 | 1 |
| Seminary in Secondary Education | 837 | 3-5 | 19 | 837 | 3-5 | 8 | 837 | 3-5 | 6 | 837 | 3-5 | 2 |
| Seminary in the Teaching of the Social Studies in the Secondary Schools | 839 | 3 | 7 | 839 | 3 | 5 | ... | ... | ... | 839 | 3 | 7 |
| Seminary in the Teaching of Mathematics and the Physical Sciences | 842 | 2 or more | 46 | 842 | 2 or more | 5 | ... | ... | ... | 842 | 2 or more | 6 |
| Seminary in the Teaching and Supervision of Foreign Languages | 843 | 3 | 1 | ... | ... | ... | ... | ... | ... | 843 | 3 | * |
| Higher Education I—Basic Courses | 845 | 5 | 10 | 845 | 5 | 12 | ... | ... | ... | ... | ... | ... |
| Higher Education II—Basic Courses | 846 | 5 | * | ... | ... | ... | 846 | 5 | 10 | ... | ... | ... |
| Theory & Administration of Higher Education | 847 | 5 | * | ... | ... | ... | 847 | 5 | 0 | ... | ... | ... |
| Curriculum and Method of Higher Education | 848 | 5 | 0 | ... | ... | ... | ... | ... | ... | 848 | 5 | 22 |
| Teacher Training | 850 | 5 | 13 | 850 | 5 | 8 | ... | ... | ... | ... | ... | ... |
| Achievement Tests in Higher Education | 852 | 5 | 0 | ... | ... | ... | 852 | 5 | 20 | ... | ... | ... |
| Practicum in Industrial Arts Education | 856 | 5 | 118 | ... | ... | ... | 856 | 3-5 | 10 | ... | ... | ... |
| Administration of Industrial Education in Secondary Schools | 857 | 3 | * | ... | ... | ... | ... | ... | ... | 857 | 3 | 8 |
| Scientific Studies in Industrial Arts and Industrial Vocational Education | 860 | 2 | 28 | 860 | 2 | 14 | ... | ... | ... | ... | ... | ... |
| Seminary in Industrial Arts and Industrial Vocational Education | 862 | 2 | 20 | ... | ... | ... | 862 | 2 | 11 | 862 | 2 | 12 |
| Research in the Laboratory of Industries | 866 | 3 or more | 6 | ... | not given | ... | ... | ... | ... | ... | ... | ... |
| Admin. Problems of the City Superintendent | 871 | 3 | 9 | ... | not given | ... | ... | ... | ... | ... | ... | ... |
| Staff Personnel Administration | 873 | 4 | 82 | 873 | 4 | 8 | ... | ... | ... | ... | ... | ... |
| School Finance | 875 | 3 | 18 | 875 | 3 | 13 | ... | ... | ... | ... | ... | ... |
| Federal and State School Administration | 878 | 3 | 23 | ... | ... | ... | 878 | 3 | 19 | ... | ... | ... |
| Planning, Constructing, Equipping School Buildings | 880 | 5 | 28 | 880 | 5 | 5 | ... | ... | ... | ... | ... | ... |
| Seminary in School Administration | 882 | 2-5 | 54 | 882 | 2-5 | 5 | 882 | 2-5 | 3 | 882 | 2-5 | 0 |
| Seminary in Special Education | 897 | 3-5 | 8 | ... | ... | ... | ... | ... | ... | 897 | 3-5 | 0 |
| Planning Community Adult Education Programs | 898 | 3 | 9 | ... | not given | ... | ... | ... | ... | ... | ... | ... |
| Research in Education | 950 | ... | 247 | 950 | ... | 13 | 950 | ... | 9 | 850 | ... | 15 |

THE WORK OF INSTRUCTORS—1938-1939 (Cont'd.)

| COURSE SUBJECT | SUMMER QUARTER | | | AUTUMN QUARTER | | | WINTER QUARTER | | | SPRING QUARTER | | |
|--|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|
| | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections |
| ELECTRICAL ENGINEERING | | | | | | | | | | | | |
| Electrical Engineering Survey..... | ... | ... | ... | 461 | ½ | 69 | ... | ... | ... | ... | ... | ... |
| Direct Current Apparatus..... | 501 | 5 | 11 | 501 | 5 | 9 | ... | ... | ... | 501 | 5 | 27 |
| Radio Management and Program Direction... | ... | ... | ... | ... | ... | ... | 555 | 2 | 14 | ... | ... | ... |
| Alternating Current Circuits..... | 603 | 5 | 15 | 603 | 5 | 52 | 603 | 5 | 8 | ... | ... | ... |
| Alternating Current Laboratory..... | 604 | 2 | 12 | 604 | 2 | 49 | 604 | 2 | 7 | ... | ... | ... |
| Engineering Electronics | ... | ... | ... | 607 | 4 | 11 | 607 | 4 | 50 | ... | ... | ... |
| Medium and High Frequency Circuits..... | ... | ... | ... | ... | ... | ... | 611 | 5 | 11 | 611 | 5 | 42 |
| Electrical Engineering | ... | ... | ... | 641 | 4 | 47 | 642 | 4 | 123 | 642 | 4 | 23 |
| Electrical Engineering | ... | ... | ... | 643 | 4 | 12 | 643 | 4 | 40 | 643 | 4 | 128 |
| Radio Broadcasting Problems..... | ... | ... | ... | 655 | 1-3 | 5 | 655 | 1-3 | 1 | 655 | 1-3 | 5 |
| Electrical Engineering Survey..... | ... | ... | ... | 661 | ½ | 56 | ... | ... | ... | ... | ... | ... |
| Alternating Current Apparatus..... | ... | ... | ... | 701 | 3 | 26 | 701 | 3 | 13 | ... | ... | ... |
| Alternating Current Apparatus..... | ... | ... | ... | ... | ... | ... | 702 | 3 | 28 | 702 | 3 | 21 |
| Advanced Alternating Current Circuits..... | ... | ... | ... | 703 | 4 | 47 | ... | ... | ... | ... | ... | ... |
| Alternating Current Laboratory..... | ... | ... | ... | 705 | 4 | 29 | 705 | 4 | 12 | ... | ... | ... |
| Alternating Current Laboratory..... | ... | ... | ... | ... | ... | ... | 706 | 4 | 27 | 706 | 4 | 16 |
| Generation, Transmission, Distribution, and Utilization of Electric Power..... | ... | ... | ... | ... | ... | ... | 711 | 4 | 17 | ... | ... | ... |
| Generation, Transmission, Distribution, and Utilization of Electric Power..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 712 | 4 | 14 |
| Communication Engineering | ... | ... | ... | ... | ... | ... | 717 | 4 | 27 | ... | ... | ... |
| Electrical Illumination | ... | ... | ... | ... | ... | ... | 720 | 4 | 1 | ... | ... | ... |
| Electrical Illumination | ... | ... | ... | 722 | 3 | 7 | ... | ... | ... | ... | ... | ... |
| Advanced Electrical Communication..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 726 | 4 | 20 |
| Engineering Projects | ... | ... | ... | ... | ... | ... | 732 | 4 | 0 | ... | ... | ... |
| Thesis | ... | ... | ... | 735 | 3 | 0 | 735 | 3 | 1 | 735 | 3 | 0 |
| Thesis | ... | ... | ... | 736 | 5 | 0 | 736 | 5 | 0 | 736 | 5 | 0 |
| Economics and Organization of the Electrical Industry | ... | ... | ... | 741 | 3 | 44 | ... | ... | ... | ... | ... | ... |
| Advanced Theoretical Study of Electrical Engineering Practice and Equipment..... | 760 | ... | 0 | 760 | ... | 3 | ... | ... | ... | ... | ... | ... |
| Advanced Theoretical Study of Electrical Engineering Practice and Equipment..... | 761 | ... | 0 | ... | ... | ... | 761 | ... | 3 | ... | ... | ... |
| Advanced Theoretical Study of Electrical Engineering Practice and Equipment..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 762 | ... | 24 |
| Special Advanced Laboratory..... | 765 | ... | 6 | 765 | ... | 0 | 766 | ... | 0 | 767 | ... | 0 |
| Analysis in Electrical Engineering Problems.. | ... | ... | ... | ... | ... | ... | ... | ... | ... | 770 | 3 | 0 |
| Engineering Industrial Problems..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 780 | 3 | 10 |

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|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Electrical Engineering Practice..... | ... | ... | ... | ... | ... | 783 | ½ | 38 | ... | ... | ... |
| Advanced Theoretical Study of Electrical Engineering Practice and Equipment..... | 801 | 4 | 801 | ... | 0 | ... | ... | ... | ... | ... | ... |
| Advanced Theoretical Study of Electrical Engineering Practice and Equipment..... | ... | ... | ... | ... | ... | 802 | ... | 4 | ... | ... | ... |
| Advanced Theoretical Study of Electrical Engineering Practice and Equipment..... | ... | ... | ... | ... | ... | ... | ... | ... | 803 | ... | 5 |
| Advanced Laboratory Study of Electrical Engineering Equipment..... | ... | ... | 805 | ... | 2 | ... | ... | ... | ... | ... | ... |
| Advanced Laboratory Study of Electrical Engineering Equipment..... | ... | ... | ... | ... | ... | 806 | ... | 2 | ... | ... | ... |
| Advanced Laboratory Study of Electrical Engineering Equipment..... | ... | ... | ... | ... | ... | ... | ... | ... | 807 | ... | 2 |
| Revolving Fields and Permeances in Electrical Machinery..... | ... | ... | 821 | 3 | 2 | ... | ... | ... | ... | ... | ... |
| Revolving Fields and Permeances in Electrical Machinery..... | ... | ... | ... | ... | ... | 822 | 3 | 0 | ... | ... | ... |
| Advanced Synchronous Machine Theory..... | ... | ... | 824 | 3 | 3 | ... | ... | ... | ... | ... | ... |
| Advanced Synchronous Machine Theory..... | ... | ... | ... | ... | ... | 825 | 3 | 4 | ... | ... | ... |
| Advanced Synchronous Machine Theory..... | ... | ... | ... | ... | ... | ... | ... | ... | 826 | 3 | 0 |
| Transmission Networks..... | ... | ... | ... | ... | ... | 831 | 3 | 7 | ... | ... | ... |
| Electromagnetic Radiation & Radiat. Systems..... | ... | ... | ... | ... | ... | ... | ... | ... | 832 | 3 | 9 |
| Electro-Acoustical Systems..... | ... | ... | 833 | 3 | 8 | ... | ... | ... | ... | ... | ... |
| Research in Electrical Engineering..... | 950 | 2 | 950 | ... | 7 | 950 | ... | 11 | 950 | ... | 9 |
| ENGINEERING DRAWING | | | | | | | | | | | |
| Principles of Engineering Drawing..... | 401 | 4 | 12 | 401 | 4 | 565 | 401 | 4 | 126 | ... | ... |
| Principles of Engineering Drawing..... | 402 | 4 | 3 | ... | ... | ... | 402 | 4 | 453 | 402 | 4 |
| Descriptive Geometry..... | 403 | 4 | 28 | 403 | 4 | 111 | 403 | 4 | 14 | 403 | 4 |
| Descriptive Geometry..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 404 | 4 |
| Principles of Engineering Drawing..... | ... | ... | ... | 411 | 4 | 22 | ... | ... | ... | ... | ... |
| Principles of Engineering Drawing..... | ... | ... | ... | ... | ... | ... | 412 | 4 | 20 | ... | ... |
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| Easy Classical Reading..... | 404 | 5 | 12 | 405 | 5 | 79 | 404 | 5 | 55 | 404 | 5 | 26 |
| Honors Course in Elementary German..... | ... | ... | ... | 416 | 5 | 30 | ... | ... | ... | ... | ... | ... |
| Honors Course in Elementary German..... | ... | ... | ... | ... | ... | ... | 417 | 5 | 27 | ... | ... | ... |
| Honors Course in Elementary German..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 418 | 5 | 18 |
| Kulturkunde | ... | ... | ... | ... | ... | ... | ... | ... | ... | 500 | 3 | 0 |

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| COURSE SUBJECT | SUMMER QUARTER | | | AUTUMN QUARTER | | | WINTER QUARTER | | | SPRING QUARTER | | |
|--|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|
| | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections |
| Medieval Civilization | 619 | 3 | 29 | 619 | 3 | 15 | ... | ... | ... | ... | ... | ... |
| Expansion of Europe to 1588 | ... | ... | ... | 621 | 3 | 30 | ... | ... | ... | ... | ... | ... |
| Expansion of Europe from 1588 to 1815 | ... | ... | ... | ... | not given | ... | 622 | 3 | 37 | ... | ... | ... |
| Expansion of Europe from 1815 to the Present | 623 | 3 | 75 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| The French Revolution and Napoleon | 624 | 3 | 35 | ... | ... | ... | 624 | 3 | 29 | ... | ... | ... |
| Modern France since 1815 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 625 | 3 | 27 |
| Contemporary Europe (1919-1936) | 628 | 3 | 83 | ... | ... | ... | 628 | 3 | 71 | ... | ... | ... |
| Modern Germany (1789-1918) | ... | ... | ... | ... | ... | ... | 629 | 3 | 15 | ... | ... | ... |
| The Diplomacy of Europe (1878-1919) | ... | ... | ... | 630 | 3 | 36 | ... | ... | ... | ... | ... | ... |
| Constitutional History of the U. S. to 1837 | ... | ... | ... | 631 | 3 | 18 | ... | ... | ... | ... | ... | ... |
| Constitutional History since 1837 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 632 | 3 | 31 |
| The Slavery Controversy in the United States | ... | ... | ... | 633 | 3 | 22 | ... | ... | ... | ... | ... | ... |
| Reconstruction and the New South (1863-1925) | ... | ... | ... | ... | ... | ... | 634 | 3 | 25 | ... | ... | ... |
| American Diplomacy to the Close of Civil War | ... | ... | ... | 635 | 3 | 25 | ... | ... | ... | ... | ... | ... |
| American Diplomacy since the Civil War | 636 | 3 | 66 | ... | ... | ... | 636 | 3 | 38 | ... | ... | ... |
| Recent History of the U. S. (1875-1936) | 637 | 3 | 55 | 637 | 3 | 104 | ... | ... | ... | ... | ... | ... |
| Recent History of the U. S. (1875-1936) | ... | ... | ... | ... | ... | ... | 638 | 3 | 100 | ... | ... | ... |
| The Influence of Immigrant Groups upon United States History | ... | ... | ... | ... | ... | ... | ... | ... | ... | 639 | 5 | 37 |
| The Frontier in the Making of America to 1840 | ... | ... | ... | 640 | 3 | 14 | ... | ... | ... | ... | ... | ... |
| The Frontier in the Making of America since 1840 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 641 | 3 | 9 |
| Political Parties in the United States | 643 | 5 | 31 | ... | ... | ... | ... | ... | ... | 643 | 5 | 29 |
| The Colonization of North America | 644 | 3 | 13 | ... | ... | ... | ... | ... | ... | 644 | 3 | 22 |
| Latin America | ... | ... | ... | 645 | 3 | 8 | ... | ... | ... | ... | ... | ... |
| Latin America | ... | ... | ... | ... | ... | ... | 646 | 5 | 20 | ... | ... | ... |
| History of Canada | ... | ... | ... | ... | ... | ... | ... | ... | ... | 647 | 5 | 21 |
| Greek Civilization | ... | ... | ... | ... | ... | ... | 649 | 3 | 14 | ... | ... | ... |
| Roman Civilization | ... | ... | ... | 650 | 3 | 16 | ... | ... | ... | ... | ... | ... |
| The Ancient History of the Near East | ... | ... | ... | ... | ... | ... | ... | ... | ... | 653 | 3 | 8 |
| The Age of the Crusades | 654 | 3 | 28 | ... | ... | ... | 654 | 3 | 9 | ... | ... | ... |
| Greek History | ... | ... | ... | 655 | 5 | 17 | ... | ... | ... | ... | ... | ... |
| Roman History | ... | ... | ... | ... | ... | ... | 656 | 5 | 21 | ... | ... | ... |
| The Succession States | ... | ... | ... | ... | ... | ... | ... | ... | ... | 667 | 3 | * |
| History of Modern Russia | 676 | 3 | 54 | ... | not given | ... | ... | ... | ... | ... | ... | ... |
| The Jacksonian Era | 680 | 3 | 20 | ... | not given | ... | ... | ... | ... | ... | ... | ... |
| Colonial Social Institutions | 681 | 3 | 11 | ... | not given | ... | ... | ... | ... | ... | ... | ... |
| Honors Courses | ... | ... | ... | 705 | 3-5 | 0 | 706 | 3-5 | 0 | 707 | 3-5 | 0 |
| Introduction to Historical Research | ... | ... | ... | 812 | 3 | 22 | ... | ... | ... | ... | ... | ... |

| | | | | | | | | | | | |
|--|-----|------|-----|-------------|------|-----|-------------|------|-----|-------------|------|
| Great European Historians..... | ... | ... | ... | ... | ... | 813 | 3 | 10 | ... | ... | ... |
| Great American Historians..... | ... | ... | ... | ... | ... | ... | ... | ... | 814 | 2 | 10 |
| Seminary in European History..... | 815 | 3 | 22 | 815 | 3 | 16 | ... | ... | ... | ... | ... |
| Seminary in European History..... | ... | ... | ... | ... | ... | 816 | 3 | 8 | ... | ... | ... |
| Seminary in European History..... | ... | ... | ... | ... | ... | ... | ... | ... | 817 | 3 | 5 |
| Seminary in American History..... | 819 | 3 | 33 | 819 | 3 | 8 | ... | ... | ... | ... | ... |
| Seminary in American History..... | ... | ... | ... | ... | ... | 820 | 3 | 13 | ... | ... | ... |
| Seminary in American History..... | ... | ... | ... | ... | ... | ... | ... | ... | 821 | 3 | 9 |
| Research in History..... | 950 | ... | 39 | 950 | ... | 3 | 950 | ... | 3 | 950 | ... |
| HOME ECONOMICS | | | | | | | | | | | |
| An Introduction to Home Economics..... | ... | ... | ... | 400 | 2 | 229 | ... | ... | ... | ... | ... |
| Textiles..... | 401 | 3 | 21 | 401 | 3 | 61 | 401 | 3 | 116 | 401 | 3 |
| Clothing..... | ... | ... | ... | 402 | 5 | 21 | 402 | 5 | 39 | 402 | 5 |
| Foods..... | ... | ... | ... | 411 | 5 | 38 | 411 | 5 | 18 | 411 | 5 |
| Foods..... | ... | ... | ... | 412 | 5 | 59 | 412 | 5 | 38 | 412 | 5 |
| Clothing..... | ... | ... | ... | 503 | 5 | 41 | 503 | 5 | 27 | 503 | 5 |
| Household Equipment..... | 506 | 5 | 49 | ... | ... | ... | 506 | 5 | 56 | 506 | 5 |
| Clothing..... | 508 | 5 | 27 | ... | ... | ... | 508 | 5 | 22 | 508 | 5 |
| Elements of Nutrition..... | 510 | 3-5 | 46 | ... | ... | ... | 510 | 3-5 | 81 | ... | ... |
| Home Hygiene..... | ... | ... | ... | 511 | 3 | 37 | 511 | 3 | 27 | 511 | 3 |
| Home Furnishing..... | ... | ... | ... | 512 | 5 | 40 | 512 | 5 | 27 | 512 | 5 |
| Elements of Homemaking..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 518 | 5 |
| Diet in Disease..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 526 | 1 |
| The Teaching of Home Economics..... | 540 | 3 | 30 | ... | ... | ... | ... | ... | ... | 540 | 3 |
| Principles and Methods of Teaching Applied to Home Economics..... | ... | ... | ... | 541 | 5 | 13 | 541 | 5 | 27 | 541 | 5 |
| Supervised Home Economics Teaching..... | ... | ... | ... | 542 | 7 | 5 | 542 | 7 | 21 | 542 | 7 |
| Teaching of Voca. Home Ec. in Secon. Schools | 543 | 3 | 12 | not offered | | ... | not offered | | ... | not offered | |
| Clothing..... | 601 | 3-5 | 26 | ... | ... | ... | 601 | 3-5 | 14 | 601 | 3-5 |
| Textiles..... | 602 | 3-5 | 39 | ... | ... | ... | 602 | 3-5 | 54 | 602 | 3-5 |
| Clothing..... | 604 | 3 | 23 | not given | | ... | not given | | ... | not given | |
| Nutrition..... | ... | ... | ... | 611 | 5 | 43 | 611 | 5 | 40 | 611 | 5 |
| Nutrition..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 612 | 5 |
| Foods..... | 614 | 3-5 | 49 | 614 | 3-5 | 52 | 614 | 3-5 | 40 | ... | ... |
| Experimental Work in Food Preparation..... | 615 | 5 | 7 | not given | | ... | not given | | ... | not given | |
| Nutrition of Infants and Children..... | 616 | 3 | 5 | not given | | ... | not given | | ... | not given | |
| Household Equipment..... | 619 | 3 | 14 | ... | ... | ... | 619 | 3 | 16 | ... | ... |
| Household Equipment..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 620 | 5 |
| Child Development..... | ... | ... | ... | 621 | 5 | 47 | 621 | 5 | 51 | 621 | 5 |
| Principles of Home Management..... | ... | ... | ... | 626 | 3 | 62 | 626 | 3 | 23 | 626 | 3 |
| Laboratory in Home Management..... | 627 | 4 | 24 | 627 | 4 | 24 | 627 | 4 | 25 | 627 | 4 |
| Selection of Furnishings for the Home..... | ... | ... | ... | 628 | 3 | * | 628 | 3 | * | 628 | 3 |
| The Purchase of Foods for Institutions..... | 630 | 3 | 9 | 630 | 3 | 15 | 630 | 3 | 17 | ... | ... |
| Institutional Cookery and Equipment..... | ... | ... | ... | 631 | 5 | 14 | 631 | 5 | 16 | ... | ... |
| Institution Organization and Administration..... | ... | ... | ... | 632 | 5 | 13 | 632 | 5 | 17 | ... | ... |
| School Lunchroom Management..... | 633 | 3 | 35 | ... | ... | ... | ... | ... | ... | 633 | 3 |
| Foods..... | 635 | 3 | 18 | not given | | ... | not given | | ... | not given | |
| The Teaching of Home Economics..... | 644 | 3 | 18 | not given | | ... | not given | | ... | not given | |
| Special Problems in Home Economics..... | 701 | 3-15 | 59 | 701 | 3-15 | 17 | 701 | 3-15 | 26 | 701 | 3-15 |
| Seminary in Foods and Nutrition..... | ... | ... | ... | 803 | 3 | 0 | ... | ... | ... | ... | ... |
| Research in Home Economics..... | 950 | ... | 9 | 950 | ... | 0 | 950 | ... | 4 | 950 | ... |

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| COURSE SUBJECT | SUMMER QUARTER | | | AUTUMN QUARTER | | | WINTER QUARTER | | | SPRING QUARTER | | |
|--|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|
| | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections |
| HORTICULTURE AND FORESTRY | | | | | | | | | | | | |
| Principles of Horticulture..... | ... | ... | ... | 401 | 5 | 47 | ... | ... | ... | 405 | 5 | 93 |
| General Horticulture..... | ... | ... | ... | 405 | 5 | 47 | ... | ... | ... | ... | ... | ... |
| Elementary Plant Propagation..... | ... | ... | ... | 440 | 3 | 22 | ... | ... | ... | ... | ... | ... |
| Principles and Practices of Pomology..... | ... | ... | ... | 503 | 5 | 16 | ... | ... | ... | 504 | 5 | 11 |
| Principles and Practices of Pomology..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Potato Culture and Commercial Vegetable Gardening..... | ... | ... | ... | ... | ... | ... | 522 | 5 | 15 | ... | ... | ... |
| Horticultural Products..... | ... | ... | ... | 523 | 3 | 21 | ... | ... | ... | 526 | 3 | ... |
| Vegetable Forcing..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Principles and Practices of Floriculture..... | ... | ... | ... | 542 | 5 | 20 | ... | ... | ... | ... | ... | ... |
| Principles and Practices of Floriculture..... | ... | ... | ... | ... | ... | ... | 543 | 5 | 20 | ... | ... | ... |
| Garden Management..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 544 | 5 | 17 |
| Flower Store Management..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 546 | 3 | 17 |
| Ornamental Plants..... | ... | ... | ... | 550 | 5 | 22 | ... | ... | ... | ... | ... | ... |
| Ornamental Plants..... | ... | ... | ... | ... | ... | ... | 551 | 5 | 17 | ... | ... | ... |
| Ornamental Plants..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 552 | 5 | 16 |
| Horticultural Plant Breeding..... | ... | ... | ... | ... | ... | ... | 601 | 3 | 53 | ... | ... | ... |
| Experimental Horticulture..... | ... | ... | ... | 602 | 3 | 22 | ... | ... | ... | ... | ... | ... |
| Experimental Horticulture..... | ... | ... | ... | ... | ... | ... | 603 | 3 | 12 | ... | ... | ... |
| Systematic Pomology..... | ... | ... | ... | 604 | 3 | 9 | ... | ... | ... | ... | ... | ... |
| The Literature of Horticulture..... | ... | ... | ... | ... | ... | ... | 605 | 5 | 17 | ... | ... | ... |
| Systematic Study of Vegetables..... | ... | ... | ... | 621 | 3 | * | ... | ... | ... | ... | ... | ... |
| Advanced Vegetable Gardening..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 622 | 5 | 14 |
| The Marketing of Fruits and Vegetables..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 628 | 5 | 21 |
| Advanced Plant Propagation..... | ... | ... | ... | ... | ... | ... | 649 | 5 | 13 | ... | ... | ... |
| Principles & Practice of Nursery Management..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 650 | 3 | 10 |
| Structure of Vegetables & Ornamental Plants..... | ... | ... | ... | 652 | 3 | 18 | ... | ... | ... | ... | ... | ... |
| Structure of Economic Fruits..... | ... | ... | ... | ... | ... | ... | 653 | 3 | 7 | ... | ... | ... |
| Arboriculture..... | ... | ... | ... | 683 | 3 | 12 | ... | ... | ... | ... | ... | ... |
| Minor Investigations..... | 701 | 3-15 | 8 | 701 | 3-15 | 37 | 701 | 3-15 | 31 | 701 | 3-15 | 30 |
| Horticultural Seminary..... | ... | ... | ... | 704 | 1 | 22 | 704 | 1 | 20 | 704 | 1 | not offered |
| Research in Horticulture and Forestry..... | 950 | ... | 6 | 950 | ... | 15 | 950 | ... | 14 | 950 | ... | 15 |
| FORESTRY | | | | | | | | | | | | |
| Principles of Forestry..... | ... | ... | ... | 410 | 3 | 27 | 410 | 3 | 5 | ... | ... | ... |
| Wood Technology..... | ... | ... | ... | ... | ... | ... | 507 | 5 | 7 | ... | ... | ... |
| Dendrology..... | ... | ... | ... | 508 | 5 | 19 | ... | ... | ... | ... | ... | ... |
| Artificial Forest Reproduction..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 509 | 5 | 2 |

| | | | | | | | | | | | | |
|--|-----|-----|-----|-----|------|-----|-----|------|-----|-----|------|-----|
| Woodlot Management..... | ... | ... | ... | 510 | 3 | 3 | ... | ... | ... | ... | ... | ... |
| Woodlot Silviculture..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 511 | 3 | 4 |
| Minor Investigations in Forestry..... | ... | ... | ... | 701 | 3-5 | 0 | 701 | 3-5 | 0 | 701 | 3-5 | 2 |
| INDUSTRIAL ENGINEERING | | | | | | | | | | | | |
| Foundry Practice..... | ... | ... | ... | 405 | 3 | 75 | 405 | 3 | 65 | 405 | 3 | 59 |
| Patternmaking..... | 411 | 3 | 77 | 411 | 3 | 39 | 411 | 3 | 60 | ... | ... | ... |
| Forging and Heat Treating..... | ... | ... | ... | 416 | 3 | 22 | ... | ... | ... | ... | ... | ... |
| Forging, Shop Heat Treating and Welding.... | 418 | 3 | 155 | 418 | 3 | 66 | 418 | 3 | 59 | ... | ... | ... |
| Elementary Machine Work..... | 419 | 3 | 94 | 419 | 3 | 60 | 419 | 3 | 55 | 419 | 3 | 60 |
| Advanced Machine Work..... | 421 | 3 | 15 | 421 | 3 | 51 | 421 | 3 | 51 | 421 | 3 | 43 |
| Management of Men in Engineering Industries..... | ... | ... | ... | 601 | 4 | 44 | 601 | 4 | 24 | 601 | 4 | 23 |
| The Laws of Engineering Management..... | ... | ... | ... | 602 | 3 | 18 | 602 | 3 | 51 | ... | ... | ... |
| Time and Motion Study..... | ... | ... | ... | 603 | 3 | 12 | ... | ... | ... | 603 | 3 | 56 |
| Foundry Research..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 605 | 3 | 1 |
| Special Problems..... | ... | ... | ... | 610 | 2-5 | 0 | 610 | 2-5 | 27 | 610 | 2-5 | 15 |
| Advanced Machine Work..... | ... | ... | ... | 623 | 3 | 18 | 623 | 3 | 30 | ... | ... | ... |
| Junior Inspection Trip..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 630 | 2 | 53 |
| Time Study Laboratory..... | ... | ... | ... | 653 | 3 | 12 | ... | ... | ... | 653 | 3 | 48 |
| Production Control Charts..... | ... | ... | ... | 661 | 3 | 17 | 661 | 3 | 11 | 661 | 3 | 40 |
| Selection of Manufacturing Equipment..... | ... | ... | ... | 701 | 3 | 49 | ... | ... | ... | ... | ... | ... |
| Work Routing..... | ... | ... | ... | ... | ... | ... | 702 | 4 | 56 | ... | ... | ... |
| Methods of Waste Elimination..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 706 | 4 | 50 |
| Management of Men in Engineering Industry..... | ... | ... | ... | 712 | 3 | 20 | 712 | 3 | 33 | 712 | 3 | 49 |
| Senior Inspection Trip..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 730 | 2 | 54 |
| Tool Engineering..... | ... | ... | ... | 751 | 3 | 52 | ... | ... | ... | ... | ... | ... |
| Work-Routing Laboratory..... | ... | ... | ... | ... | ... | ... | 752 | 3 | 54 | ... | ... | ... |
| Thesis..... | ... | ... | ... | 754 | 3-12 | 0 | 754 | 3-12 | 0 | 754 | 3-12 | 1 |
| Elementary Production Control..... | ... | ... | ... | 761 | 3 | 39 | 761 | 3 | 21 | ... | ... | ... |
| Advanced Production Control..... | ... | ... | ... | ... | ... | ... | 762 | 3 | 44 | 762 | 3 | 15 |
| Production Control Research..... | ... | ... | ... | 763 | 3 | 1 | ... | ... | ... | 763 | 3 | 1 |
| Research in Industrial Engineering..... | ... | ... | ... | 950 | ... | 0 | 950 | ... | 0 | 950 | ... | 0 |
| JOURNALISM | | | | | | | | | | | | |
| The Modern Newspaper..... | 401 | 5 | 8 | 401 | 5 | 22 | 401 | 5 | 60 | 401 | 5 | 32 |
| Newspaper Reporting..... | ... | ... | ... | 402 | 5 | 19 | 402 | 5 | 25 | 402 | 5 | 44 |
| Agricultural Journalism..... | ... | ... | ... | 407 | 3 | 45 | 407 | 3 | 30 | 407 | 3 | 42 |
| Copyreading..... | ... | ... | ... | 501 | 3 | 22 | 501 | 3 | 15 | 501 | 3 | 23 |
| Reporting Public Affairs..... | ... | ... | ... | 505 | 3 | 4 | ... | ... | ... | ... | ... | ... |
| Newspaper Ethics and Principles..... | ... | ... | ... | 513 | 3 | 27 | 513 | 3 | 34 | ... | ... | ... |
| Newspaper History & Comparative Journalism..... | ... | ... | ... | ... | ... | ... | 517 | 5 | 50 | ... | ... | ... |
| Newspaper Organization..... | ... | ... | ... | 518 | 2 | 29 | ... | ... | ... | 518 | 2 | 25 |
| Newspaper Printing..... | ... | ... | ... | 519 | 3 | 24 | ... | ... | ... | 519 | 3 | 32 |
| The Weekly Newspaper..... | ... | ... | ... | ... | ... | ... | 525 | 3 | 13 | ... | ... | ... |
| The Newspaper Library..... | ... | ... | ... | ... | ... | ... | 527 | 2 | 14 | ... | ... | ... |
| News Editing..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 601 | 3 | 23 |
| Feature Writing..... | 602 | 3 | 14 | 602 | 3 | 22 | ... | ... | ... | 602 | 3 | 81 |
| Critical Newspaper Writing..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 603 | 3 | 18 |
| Writing for the Radio..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 605 | 3 | 15 |
| Newspaper Law..... | ... | ... | ... | 614 | 3 | 48 | ... | ... | ... | ... | ... | ... |
| Editorial and Critical Writing..... | ... | ... | ... | 621 | 3 | 37 | ... | ... | ... | ... | ... | ... |
| The Press and Contemporary Affairs..... | ... | ... | ... | ... | ... | ... | 622 | 3 | 48 | ... | ... | ... |

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ANNUAL REPORT

| COURSE SUBJECT | SUMMER QUARTER | | | AUTUMN QUARTER | | | WINTER QUARTER | | | SPRING QUARTER | | |
|--|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|
| | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections |
| Comparative Journalism..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 623 | 3 | 53 |
| The Newspaper Business Office..... | ... | ... | ... | ... | ... | ... | 626 | 3 | 53 | ... | ... | ... |
| Newspaper Circulation and Promotion..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 628 | 3 | 53 |
| Honors Course..... | ... | ... | ... | 700 | 3-5 | 1 | ... | ... | ... | ... | ... | ... |
| Honors Course..... | ... | ... | ... | ... | ... | ... | 701 | 3-5 | 2 | ... | ... | ... |
| Honors Course..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 702 | 3-5 | 1 |
| The Newspaper As a Force in Human Progress | 802 | 2 | 2 | 802 | 2 | 0 | ... | ... | ... | ... | ... | ... |
| The Newspaper As a Force in Human Progress | ... | ... | ... | ... | ... | ... | 803 | 2 | 1 | ... | ... | ... |
| The Newspaper As a Force in Human Progress | ... | ... | ... | ... | ... | ... | ... | ... | ... | 804 | 2 | 1 |
| LAW | | | | | | | | | | | | |
| Administration of Debtors' Estates..... | ... | ... | ... | ... | ... | ... | ... | 3 | 12 | ... | 3 | 12 |
| Administrative Law..... | ... | ... | ... | ... | ... | ... | ... | 3 | 8 | ... | ... | ... |
| Agency..... | ... | ... | ... | ... | ... | ... | ... | 6 | 49 | ... | 6 | 47 |
| Conflict of Laws..... | ... | ... | ... | ... | ... | ... | ... | 3 | 59 | ... | 3 | 59 |
| Constitutional Law..... | ... | ... | ... | ... | 4 | 59 | ... | 4 | 59 | ... | ... | ... |
| Contracts..... | ... | 15 | ... | ... | 5 | 88 | ... | 4 | 82 | ... | 3 | 81 |
| Criminal Law..... | ... | ... | ... | ... | ... | ... | ... | 3 | 92 | ... | 12 | 90 |
| Domestic Relations..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3 | 40 |
| Equity I..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 4 | 87 |
| Equity II..... | ... | ... | ... | ... | 3 | 34 | ... | ... | ... | ... | ... | ... |
| Equity III..... | ... | ... | ... | ... | ... | ... | ... | 4 | 22 | ... | ... | ... |
| Evidence..... | ... | ... | ... | ... | ... | ... | ... | 3 | 53 | ... | 3 | 49 |
| Future Interests..... | ... | ... | ... | ... | 4 | 42 | ... | ... | ... | ... | ... | ... |
| Income Taxation..... | ... | 3 | 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Labor Law..... | ... | ... | ... | ... | ... | ... | ... | 3 | 14 | ... | ... | ... |
| Insurance..... | ... | 3 | 15 | ... | ... | ... | ... | ... | ... | ... | 3 | 0 |
| Legal Aid Clinic..... | ... | 1 | 38 | ... | 1 | 20 | ... | 1 | 17 | ... | 1 | 12 |
| Legal Bibliography..... | ... | ... | ... | ... | 2 | 36 | ... | ... | ... | ... | ... | ... |
| Legal Ethics..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 | 68 |
| Legal Method..... | ... | ... | ... | ... | 3 | 17 | ... | ... | ... | ... | ... | ... |
| Legislation..... | ... | ... | ... | ... | 3 | 4 | ... | ... | ... | ... | ... | ... |
| Mortgages..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3 | 25 |
| Municipal Corporations..... | ... | 3 | 15 | ... | ... | ... | ... | ... | ... | ... | 3 | 47 |
| Negotiable Instruments..... | ... | 4 | 16 | ... | ... | ... | ... | 4 | 48 | ... | ... | ... |
| Office Practice..... | ... | ... | ... | ... | 2 | * | ... | 2 | * | ... | ... | ... |
| Ohio Court Practice..... | ... | ... | ... | ... | 2 | 39 | ... | 2 | 31 | ... | 2 | 32 |
| Personal Property..... | ... | ... | ... | ... | 3 | 99 | ... | ... | ... | ... | ... | ... |
| Private Corporations..... | ... | ... | ... | ... | 3 | 67 | ... | 4 | 68 | ... | ... | ... |

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|---|-----|----|-----|-----|-----------|-----|-----|-----|
| Procedure I..... | 3 | 17 | 3 | 90 | 3 | 87 | 3 | 41 |
| Procedure II..... | | | | | | | | 11 |
| Public Utilities..... | | | | | | | | 4 |
| Quasi-Contracts..... | | | 3 | 24 | | | | 3 |
| Real Property I..... | | | | | 3 | 91 | | 89 |
| Real Property II..... | | | | | 4 | 8 | | 7 |
| Sales..... | 4 | 23 | 4 | 42 | | | | 0 |
| Special Problems..... | | | 1-6 | 0 | 1-6 | 0 | 1-6 | 0 |
| Suretyship..... | | | 3 | 55 | | | | 3 |
| Taxation..... | | | | | | | | 26 |
| Torts..... | | | 4 | 98 | 2 | 91 | 3 | 88 |
| Trusts..... | 3 | 23 | 3 | 54 | 3 | 54 | | |
| Wills and Administration..... | 4 | 14 | 4 | 51 | | | | |
| Trade Regulations..... | | | 3 | 6 | | | | |
| Constitutional Law Seminar..... | | | | 8 | | 8 | | 8 |
| MATHEMATICS | | | | | | | | |
| Beginning Algebra..... | | | | 0 | 16 | 401 | 0-3 | 30 |
| Beginning Algebra..... | | | 401 | 0 | 16 | 402 | 0 | 16 |
| Advanced Algebra..... | | | 403 | 0 | 111 | | | 402 |
| Plane Geometry..... | | | | | | 404 | 0 | 92 |
| Plane Geometry..... | | | | | | | | 405 |
| Solid Geometry..... | | | 406 | 0 | 132 | 406 | 0 | 32 |
| Mathematics for Students of Agriculture..... | | | | | | 407 | 3 | 101 |
| Mathematics for Students of Agriculture..... | | | | | | | | 408 |
| College Algebra..... | | | 421 | 5 | 428 | 421 | 5 | 268 |
| Plane Trigonometry..... | | | 422 | 5 | 78 | 422 | 5 | 165 |
| Analytic Geometry..... | | | | | | | | 423 |
| Mathematics of Finance..... | | | 429 | 5 | 16 | 429 | 5 | 22 |
| Plane Trigonometry..... | 431 | 5 | 27 | | | 431 | 5 | 400 |
| College Algebra..... | | | 432 | 5 | 508 | 432 | 5 | 183 |
| Analytic Geometry..... | 433 | 5 | 34 | 433 | 5 | 164 | | 433 |
| Elementary Mathematical Statistics..... | | | | | | | | 435 |
| Calculus for Architects..... | | | 440 | 5 | 13 | | | 440 |
| Calculus..... | 441 | 5 | 17 | 441 | 5 | 351 | 5 | 120 |
| Calculus..... | | | | | | 442 | 5 | 312 |
| Calculus..... | 443 | 5 | 33 | 443 | 5 | 92 | | 443 |
| Advanced Calculus..... | | | | 501 | 3 | 22 | | |
| Differential Equations..... | | | | | | 502 | 3 | 21 |
| Vector Analysis..... | | | | | | | | 503 |
| Advanced Calculus..... | | | 601 | 5 | 45 | | | |
| Introduction to the Theory of Functions of a Complex Variable..... | 607 | 5 | 31 | | | 607 | 5 | 14 |
| Differential Equations..... | | | | | | 611 | 5 | 35 |
| Introduction to Modern Mathematics..... | | | 617 | 5 | * | | | |
| Advanced Euclidean Geometry..... | | | | | | 621 | 5 | * |
| Projective Geometry..... | 623 | 5 | 22 | | | | | 623 |
| Solid Analytic Geometry..... | | | 625 | 5 | * | | | |
| Elementary Theory of Equations..... | 641 | 5 | 25 | | not given | | | |
| Fundamental Ideas in Algebra and Geometry..... | | | | 651 | 3 | 22 | | |
| Fundamental Ideas in Algebra and Geometry..... | | | | | | 652 | 3 | 25 |
| Fundamental Ideas in Algebra and Geometry..... | | | | | | | | 653 |

THE WORK OF INSTRUCTORS—1938-1939 (Cont'd.)

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ANNUAL REPORT

| COURSE SUBJECT | SUMMER QUARTER | | | AUTUMN QUARTER | | | WINTER QUARTER | | | SPRING QUARTER | | |
|---|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|
| | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections |
| Vector Analysis | ... | ... | ... | ... | ... | ... | ... | ... | ... | 661 | 5 | 27 |
| Introduction to the Theory of Relativity..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 671 | 5 | * |
| Probability | ... | ... | ... | 691 | 5 | 23 | ... | ... | ... | ... | ... | ... |
| Finite Differences | 692 | 5 | 13 | ... | ... | ... | 692 | 5 | 17 | ... | ... | ... |
| Statistics | ... | ... | ... | ... | ... | ... | ... | ... | ... | 696 | 5 | 19 |
| Minor Problems | 700 | 3-5 | 9 | 700 | 3-5 | 3 | 700 | 3-5 | 11 | 700 | 3-5 | 9 |
| Introduction to Analysis I..... | ... | ... | ... | 701 | 5 | 15 | ... | ... | ... | ... | ... | ... |
| Introduction to Analysis II..... | ... | ... | ... | ... | ... | ... | 702 | 5 | 12 | ... | ... | ... |
| Introduction to Analysis III..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 703 | 5 | 9 |
| Introduction to Higher Geometry I..... | ... | ... | ... | 741 | 5 | 13 | ... | ... | ... | ... | ... | ... |
| Introduction to Higher Geometry II..... | ... | ... | ... | ... | ... | ... | 742 | 5 | 10 | ... | ... | ... |
| Introduction to Higher Geometry III..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 743 | 5 | 10 |
| Introduction to Higher Algebra I..... | ... | ... | ... | 761 | 5 | * | ... | ... | ... | ... | ... | ... |
| Introduction to Higher Algebra II..... | ... | ... | ... | ... | ... | ... | 762 | 5 | * | ... | ... | ... |
| Introduction to Higher Algebra III..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Theory of Functions of a Complex Variable.. | ... | ... | ... | 801 | 3 | * | 802 | 3 | * | 803 | 3 | * |
| Point Sets and Real Functions..... | ... | ... | ... | 804 | 3 | 11 | ... | ... | ... | ... | ... | ... |
| Point Sets and Real Functions..... | ... | ... | ... | ... | ... | ... | 805 | 4 | 9 | ... | ... | ... |
| Point Sets and Real Functions..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 806 | 3 | 8 |
| Ordinary and Partial Differential Equations.. | ... | ... | ... | 807 | 3 | * | 808 | 3 | * | 809 | 3 | * |
| Calculus of Variations..... | ... | ... | ... | 810 | 3 | * | 811 | 3 | * | 812 | 3 | * |
| Mathematical Methods in Theoretical Physics. | ... | ... | ... | 813 | 3 | 18 | ... | ... | ... | ... | ... | ... |
| Mathematical Methods in Theoretical Physics. | ... | ... | ... | ... | ... | ... | 814 | 3 | 13 | ... | ... | ... |
| Fourier's Series and Spherical Harmonics.... | 816 | 3 | 24 | ... | ... | ... | ... | ... | ... | 816 | 3 | 7 |
| Infinite Series and Products..... | 818 | 3 | 18 | 818 | 3 | * | ... | ... | ... | ... | ... | ... |
| Differential Geometry | ... | ... | ... | 841 | 3 | * | 842 | 3 | * | 843 | 3 | * |
| Theory of Fields..... | ... | ... | ... | 861 | 3 | 11 | ... | ... | ... | ... | ... | ... |
| Theory of Matrices..... | ... | ... | ... | ... | ... | ... | 862 | 3 | 6 | ... | ... | ... |
| Linear Algebras | ... | ... | ... | ... | ... | ... | 867 | 3 | * | ... | ... | ... |
| Continuous Groups | ... | ... | ... | ... | ... | ... | ... | ... | ... | 874 | 3 | 0 |
| Advanced Statistics | ... | ... | ... | ... | ... | ... | ... | ... | ... | 891 | 3 | * |
| Research in Mathematics..... | 950 | ... | 6 | 950 | ... | 14 | 950 | ... | 11 | 950 | ... | 13 |
| MECHANICAL ENGINEERING | | | | | | | | | | | | |
| Heat-Power Engineering | ... | ... | ... | ... | ... | ... | ... | ... | ... | 409 | 3 | 41 |
| Introduction to Mechanical Engineering..... | ... | ... | ... | 411 | 2 | 131 | ... | ... | ... | ... | ... | ... |
| Introduction to Mechanical Engineering..... | ... | ... | ... | ... | ... | ... | 412 | 2 | 110 | ... | ... | ... |
| Materials of Engineering..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 427 | 3 | 49 |
| Heat-Power Engineering | ... | ... | ... | ... | ... | ... | 507 | 4 | 51 | ... | ... | ... |

| | | | | | | | | | |
|---|-----|---------------|-----|-----|---------------|-----|-----|---------------|-----|
| Heat-Power Engineering | 509 | 3 | 66 | ... | ... | ... | ... | ... | ... |
| Machine Design | 513 | 5 | 43 | ... | ... | ... | ... | ... | ... |
| Machine Design | ... | ... | ... | 514 | 4 | 41 | ... | ... | ... |
| Machine Design | ... | ... | ... | ... | ... | ... | 515 | 5 | 38 |
| Mechanical Engineering Laboratory | 531 | 2 | 23 | ... | ... | ... | ... | ... | ... |
| Mechanical Engineering Laboratory | ... | ... | ... | 532 | 2 | 20 | ... | ... | ... |
| Mechanical Engineering Laboratory | ... | ... | ... | ... | ... | ... | 533 | 2 | 17 |
| Heating and Ventilating | 551 | 2 | 15 | ... | ... | ... | ... | ... | ... |
| Heating and Ventilating | ... | ... | ... | 572 | 4 | 0 | ... | ... | ... |
| Mechanical Engineering Laboratory | ... | ... | ... | 576 | 2 | 37 | ... | ... | ... |
| Mechanical Engineering Laboratory | ... | ... | ... | ... | ... | ... | 577 | 2 | 34 |
| Heating and Ventilating | ... | ... | ... | ... | ... | ... | 605 | 4 | 103 |
| Heat-Power Engineering | 607 | 5 | 111 | ... | ... | ... | ... | ... | ... |
| Heat-Power Engineering | ... | ... | ... | 608 | 5 | 81 | ... | ... | ... |
| Heat-Power Engineering | ... | ... | ... | ... | ... | ... | 609 | 5 | 71 |
| Mechanism | 615 | 5 | 31 | 615 | 5 | 34 | ... | ... | ... |
| Mechanical Engineering Laboratory | 617 | 4 | 49 | ... | ... | ... | ... | ... | ... |
| Internal Combustion Engines | ... | ... | ... | ... | ... | ... | 625 | 3 | 73 |
| Materials of Engineering | 627 | 5 | 44 | 627 | 5 | 36 | ... | ... | ... |
| Junior Inspection Trip | ... | ... | ... | ... | ... | ... | 630 | ... | 66 |
| Reading Course | ... | ... | ... | ... | ... | ... | 634 | ... | 0 |
| A.S.M.E. Student-Branch Meetings | 651 | $\frac{1}{2}$ | 97 | ... | ... | ... | ... | ... | ... |
| A.S.M.E. Student-Branch Meetings | ... | ... | ... | 652 | $\frac{1}{2}$ | 80 | ... | ... | ... |
| A.S.M.E. Student-Branch Meetings | ... | ... | ... | ... | ... | ... | 653 | $\frac{1}{2}$ | 70 |
| Mechanical Engineering Laboratory | ... | ... | ... | 664 | 3 | 74 | ... | ... | ... |
| Mechanical Engineering Laboratory | ... | ... | ... | ... | ... | ... | 665 | 3 | 67 |
| Mechanical Engineering Laboratory | 673 | 4 | 62 | ... | ... | ... | ... | ... | ... |
| Mechanical Engineering Laboratory | ... | ... | ... | 674 | 4 | 31 | ... | ... | ... |
| Aeronautical and Automotive Engines | 703 | 3 | 14 | ... | ... | ... | ... | ... | ... |
| Automotive Engineering | ... | ... | ... | 704 | 3 | 23 | ... | ... | ... |
| Automotive Engineering | ... | ... | ... | ... | ... | ... | 705 | 3 | 11 |
| Diesel Engines | ... | ... | ... | ... | ... | ... | 725 | 3 | 10 |
| Machine Design | 727 | 5 | 98 | ... | ... | ... | ... | ... | ... |
| Machine Design | ... | ... | ... | 728 | 5 | 94 | ... | ... | ... |
| Senior Inspection Trip | ... | ... | ... | ... | ... | ... | 730 | ... | 42 |
| Reading Course | ... | ... | ... | ... | ... | ... | 734 | ... | 0 |
| Hydraulic Machinery | 742 | 3 | 42 | ... | ... | ... | ... | ... | ... |
| Machine Design | ... | ... | ... | ... | ... | ... | 743 | 3 | 50 |
| Machine Design | ... | ... | ... | ... | ... | ... | 744 | 5 | 44 |
| Thesis Work | 748 | 3 or more | 0 | 748 | 3 or more | 0 | 748 | 3 or more | 0 |
| A.S.M.E. Student-Branch Meetings | 751 | $\frac{1}{2}$ | 43 | ... | ... | ... | ... | ... | ... |
| A.S.M.E. Student-Branch Meetings | ... | ... | ... | 752 | $\frac{1}{2}$ | 44 | ... | ... | ... |
| A.S.M.E. Student-Branch Meetings | ... | ... | ... | ... | ... | ... | 753 | $\frac{1}{2}$ | 43 |
| Aeronautical Engineering | ... | ... | ... | 757 | 3 | 12 | ... | ... | ... |
| Mechanical Engineering Laboratory | 779 | 3 | 41 | ... | ... | ... | ... | ... | ... |
| Mechanical Engineering Laboratory | ... | ... | ... | 780 | 3 | 42 | ... | ... | ... |
| Mechanical Engineering Laboratory | ... | ... | ... | ... | ... | ... | 781 | 3 | 41 |
| Special Problems in Advanced Mechanical Engineering | 799 | 2-10 | 5 | 799 | 2-10 | 19 | 799 | 2-10 | 15 |
| Advanced Mechanical Engineering | 804 | 2-8 | 1 | 804 | 2-8 | 1 | 804 | 2-8 | 1 |
| Research in Mechanical Engineering | 950 | ... | 4 | 950 | ... | 3 | 950 | ... | 2 |

THE WORK OF INSTRUCTORS—1938-1939 (Cont'd.)

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| COURSE SUBJECT | SUMMER QUARTER | | | AUTUMN QUARTER | | | WINTER QUARTER | | | SPRING QUARTER | | |
|---|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|
| | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections |
| MECHANICS | | | | | | | | | | | | |
| Statics | ... | ... | ... | ... | ... | ... | ... | ... | ... | 501 | 5 | 12 |
| Statics | ... | ... | ... | ... | ... | ... | ... | ... | ... | 503 | 5 | 120 |
| Statics | ... | ... | ... | 601 | 5 | 249 | 601 | 5 | 71 | ... | ... | ... |
| Strength of Materials..... | ... | ... | ... | 602 | 5 | 86 | 602 | 5 | 227 | 602 | 5 | 90 |
| Strength of Materials..... | ... | ... | ... | 605 | 2 | 17 | 605 | 2 | 13 | 605 | 2 | 61 |
| Dynamics | ... | ... | ... | 607 | 3 | 34 | 607 | 3 | 98 | 607 | 3 | 210 |
| Mechanics of Fluids..... | ... | ... | ... | 610 | 3 | 78 | 610 | 3 | 61 | 610 | 3 | 127 |
| Advanced Strength of Materials..... | ... | ... | ... | 702 | 3 | 6 | ... | ... | ... | ... | ... | ... |
| Soil Mechanics | ... | ... | ... | ... | ... | ... | ... | ... | ... | 706 | 3 | 12 |
| Advanced Dynamics | ... | ... | ... | ... | ... | ... | ... | ... | ... | 707 | 3 | 3 |
| Advanced Mechanics of Fluids..... | ... | ... | ... | ... | ... | ... | 710 | 3 | 3 | ... | ... | ... |
| Special Problems in Advanced Mechanics..... | ... | ... | ... | 799 | 2-5 | 0 | 799 | 2-5 | 0 | 799 | 2-5 | 0 |
| Research in Mechanics..... | ... | ... | ... | 950 | ... | 0 | 950 | ... | 0 | 950 | ... | 0 |
| MEDICINE | | | | | | | | | | | | |
| Introduction to Clinical Medicine..... | ... | ... | ... | ... | ... | ... | 675 | 1 | 82 | ... | ... | ... |
| Clinical Medicine | ... | ... | ... | 676 | 2 | 72 | ... | ... | ... | ... | ... | ... |
| Physical Diagnosis | ... | ... | ... | ... | ... | ... | 677 | 2 | 66 | ... | ... | ... |
| Physical Diagnosis Demonstrations..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 678 | 2 | 75 |
| Human Heredity | ... | ... | ... | ... | ... | ... | ... | ... | ... | 679 | 1 | 75 |
| Psychobiology | ... | ... | ... | ... | ... | ... | ... | ... | ... | 680 | 1 | 77 |
| Psychopathology | ... | ... | ... | ... | ... | ... | ... | ... | ... | 681 | 1 | 67 |
| Internal Medicine, General..... | ... | ... | ... | 700 | 2 | 80 | 701 | 2 | 75 | 702 | 2 | 77 |
| Tuberculosis | ... | ... | ... | 703 | 1 | 81 | ... | ... | ... | ... | ... | ... |
| Syphilology | ... | ... | ... | ... | ... | ... | 704 | 1 | 74 | ... | ... | ... |
| Cardiology | ... | ... | ... | ... | ... | ... | ... | ... | ... | 705 | 1 | 72 |
| Nervous Diseases | ... | ... | ... | ... | ... | ... | ... | ... | ... | 706 | 3 | 77 |
| Dermatology | ... | ... | ... | ... | ... | ... | ... | ... | ... | 707 | 3 | 78 |
| Pediatrics, Didactic | ... | ... | ... | 720 | 2 | 80 | ... | ... | ... | ... | ... | ... |
| Pediatrics, Communicable Diseases..... | ... | ... | ... | ... | ... | ... | 721 | 1 | 75 | ... | ... | ... |
| Hematology | ... | ... | ... | 725 | 1 | 76 | ... | ... | ... | ... | ... | ... |
| Medical Endocrinology and Metabolism..... | ... | ... | ... | ... | ... | ... | 726 | 7 | 80 | ... | ... | ... |
| Industrial Medicine | ... | ... | ... | ... | ... | ... | 728 | 1 | 79 | ... | ... | ... |
| Special Topics, Ethics, Etc..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 729 | 1 | 84 |
| Case Studies | ... | ... | ... | ... | ... | ... | ... | ... | ... | 731 | 1 | 81 |
| Preventive Medicine | ... | ... | ... | ... | ... | ... | ... | ... | ... | 732 | 1 | 81 |
| Medical Law | ... | ... | ... | ... | ... | ... | ... | ... | ... | 733 | 1 | 84 |
| Psychiatry | ... | ... | ... | 734 | 1 | 74 | ... | ... | ... | ... | ... | ... |

| | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Psychiatry, Clinical | ... | ... | ... | 735 | 1 | 27 | 735 | 1 | 22 | 735 | 1 | 28 |
| Pediatrics, Didactic and Clinical | ... | ... | ... | 740 | 2 | 75 | ... | ... | ... | ... | ... | ... |
| Pediatrics, Didactic and Clinical | ... | ... | ... | ... | ... | ... | 741 | 2 | 80 | ... | ... | ... |
| Principles of Hematology | ... | ... | ... | ... | ... | ... | 750 | 1 | 11 | ... | ... | ... |
| Electrocardiography | ... | ... | ... | ... | ... | ... | ... | ... | ... | 751 | 1 | 20 |
| Diabetes | ... | ... | ... | 752 | 2 | 4 | 752 | 2 | 7 | 752 | 2 | 8 |
| Tuberculosis, Advanced | ... | ... | ... | 753 | 2-5 | 2 | 753 | 2-5 | 2 | 753 | 2-5 | 3 |
| Allergic Diseases | ... | ... | ... | 754 | 1 | 13 | 754 | 1 | 17 | 754 | 1 | 21 |
| Visceral Neurology | ... | ... | ... | ... | ... | ... | 757 | 2 | 16 | ... | ... | ... |
| Advanced Psychiatry | ... | ... | ... | 759 | 2-5 | 0 | 759 | 2-5 | 1 | 759 | 2-5 | 1 |
| Advanced Pediatrics | ... | ... | ... | ... | ... | ... | ... | ... | ... | 760 | 2 | 9 |
| Medical Research Seminar | ... | ... | ... | ... | ... | ... | 775 | 1 | 0 | ... | ... | ... |
| Minor Problems | ... | ... | ... | 780 | 3-5 | 0 | 780 | 3-5 | 0 | 780 | 3-5 | 0 |
| Medical Research | ... | ... | ... | 950 | ... | 1 | 950 | ... | 1 | 950 | ... | 1 |

METALLURGY

| | | | | | | | | | | | | |
|--|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|
| Elementary Fuel Testing | 401 | 2 | 3 | 401 | 2 | 26 | ... | ... | ... | ... | ... | ... |
| Metallurgical Analysis | ... | ... | ... | ... | ... | ... | 405 | 5 | 42 | ... | ... | ... |
| Metallurgical Analysis | ... | ... | ... | ... | ... | ... | ... | ... | ... | 406 | 5 | 26 |
| Fire Assaying | 410 | 3 | 2 | ... | ... | ... | 410 | 3 | 14 | 410 | 3 | 15 |
| Industrial Experience | 420 | 5 | 0 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Metallurgical Analysis | ... | ... | ... | 451 | 3 | 19 | ... | ... | ... | ... | ... | ... |
| Ceramic Analysis | ... | ... | ... | ... | ... | ... | 452 | 4 | 18 | ... | ... | ... |
| Ceramic Analysis | ... | ... | ... | ... | ... | ... | ... | ... | ... | 453 | 4 | 22 |
| Iron and Steel Metallurgy | ... | ... | ... | ... | ... | ... | 605 | 3 | 33 | ... | ... | ... |
| Principles of Metallography | ... | ... | ... | 606 | 3 | 32 | ... | ... | ... | 606 | 3 | 47 |
| Non-Ferrous Metallurgy | ... | ... | ... | ... | ... | ... | ... | ... | ... | 610 | 5 | 25 |
| Principles of Ore Dressing | 620 | 5 | 2 | 620 | 5 | 33 | ... | ... | ... | ... | ... | ... |
| Inspection Trip | ... | ... | ... | ... | ... | ... | ... | ... | ... | 645 | ... | 19 |
| Pyrometry | ... | ... | ... | 650 | 2 | 18 | 650 | 2 | 28 | ... | ... | ... |
| Fuels | ... | ... | ... | 651 | 3 | 103 | 651 | 3 | 25 | ... | ... | ... |
| General Metallurgy | ... | ... | ... | ... | ... | ... | ... | ... | ... | 665 | 5 | 68 |
| Advanced Metallography | ... | ... | ... | ... | ... | ... | 701 | 4 | 29 | ... | ... | ... |
| Heat Treatment and Special Steels | ... | ... | ... | 702 | 3 | 9 | ... | ... | ... | ... | ... | ... |
| Metallurgical Construction | ... | ... | ... | ... | ... | ... | 705 | 4 | 20 | ... | ... | ... |
| Metallurgical Construction | ... | ... | ... | ... | ... | ... | ... | ... | ... | 706 | 4 | 18 |
| Advanced Fuel Testing and Problems | ... | ... | ... | 709 | 4 | 19 | ... | ... | ... | ... | ... | ... |
| Metallurgical Investigations | 710 | 3 or 5 | 4 | 710 | 3 or 5 | 2 | 710 | 3 or 5 | 25 | 710 | 3 or 5 | 14 |
| Metallurgical Investigations | ... | ... | ... | 711 | 3 or 5 | 0 | 711 | 3 or 5 | 4 | 711 | 3 or 5 | 11 |
| Ore Dressing | ... | ... | ... | ... | ... | ... | 720 | 3 | 23 | ... | ... | ... |
| Thesis | 725 | 7 | 1 | 725 | 7 | 4 | 725 | 7 | 3 | 725 | 7 | 17 |
| Research in Metallurgy | ... | ... | ... | 950 | ... | 3 | 950 | ... | 4 | 950 | ... | 2 |

MINE ENGINEERING

| | | | | | | | | | | | | |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Mine Surveying | ... | ... | ... | ... | ... | ... | ... | ... | ... | 406 | 4 | 10 |
| Mine Surveying | ... | ... | ... | 501 | 5 | 21 | ... | ... | ... | 501 | 5 | 20 |
| Prospecting and Preliminary Operations | ... | ... | ... | 601 | 5 | 10 | ... | ... | ... | ... | ... | ... |
| Explosives and Rock Work | ... | ... | ... | ... | ... | ... | 602 | 3 | 26 | ... | ... | ... |
| Inspection Trip | ... | ... | ... | ... | ... | ... | ... | ... | ... | 630 | ... | 10 |
| Development and Methods of Mining | ... | ... | ... | ... | ... | ... | ... | ... | ... | 701 | 3 | 9 |
| Mine Operations | ... | ... | ... | 702 | 5 | 7 | ... | ... | ... | ... | ... | ... |
| Mine Examinations and Reports | ... | ... | ... | ... | ... | ... | 703 | 5 | 3 | ... | ... | ... |

THE WORK OF INSTRUCTORS—1938-1939 (Cont'd.)

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| COURSE SUBJECT | SUMMER QUARTER | | | AUTUMN QUARTER | | | WINTER QUARTER | | | SPRING QUARTER | | |
|--|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|
| | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections |
| Petroleum Engineering..... | ... | ... | ... | 721 | 3 | 14 | ... | ... | ... | ... | ... | ... |
| Petroleum Engineering..... | ... | ... | ... | ... | ... | ... | 722 | 3 | 7 | ... | ... | ... |
| Thesis..... | ... | ... | ... | 741 | 5 | 2 | 741 | 5 | 1 | 741 | 5 | 2 |
| Mine Investigations..... | ... | ... | ... | 750 | 3-10 | 3 | 750 | 3-10 | 2 | 750 | 3-10 | 9 |
| Principles of Mining..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 760 | 3 | 6 |
| Research in Mine Engineering..... | ... | ... | ... | 950 | ... | 0 | 950 | ... | 0 | 950 | ... | 0 |
| MINERALOGY | | | | | | | | | | | | |
| Crystallography and Descriptive Mineralogy.. | ... | ... | ... | 401 | 3 | 132 | 401 | 3 | 19 | 401 | 3 | 25 |
| Descriptive Mineralogy..... | ... | ... | ... | 402 | 3 | 6 | 402 | 3 | 115 | 402 | 3 | 11 |
| Determinative Mineralogy..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 404 | 3 | 12 |
| Advanced Crystallography..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 601 | 5 | 0 |
| Thermochemical Mineralogy..... | ... | ... | ... | 605 | 3 | 38 | ... | ... | ... | 605 | 4 | 22 |
| Advanced Thermochemical Mineralogy..... | ... | ... | ... | ... | ... | ... | 606 | 3 | 28 | ... | ... | ... |
| Elementary Microscopic Petrography..... | ... | ... | ... | ... | ... | ... | 611 | 4 | 5 | ... | ... | ... |
| Microscopic Mineralogy..... | ... | ... | ... | 621 | 5 | 32 | ... | ... | ... | 631 | 5 | 39 |
| Mineralogical Investigations..... | ... | ... | ... | 631 | 3-5 | 9 | 631 | 3-5 | 19 | 631 | 3-5 | 11 |
| X-rays and Crystal Structure..... | ... | ... | ... | ... | ... | ... | 654 | 4 | * | ... | ... | ... |
| Thesis..... | ... | ... | ... | 741 | 5 or 6 | 0 | 741 | 5 or 6 | 0 | 741 | 5 or 6 | 3 |
| Research in Mineralogy and Petrography..... | ... | ... | ... | 950 | ... | 0 | 950 | ... | 2 | 950 | ... | 0 |
| MUSIC | | | | | | | | | | | | |
| Elementary Music I..... | ... | ... | ... | 423 | 5 | 72 | 423 | 5 | 20 | ... | ... | ... |
| Elementary Music II..... | ... | ... | ... | ... | ... | ... | 424 | 5 | 45 | 424 | 5 | 15 |
| Elementary Music III..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 425 | 5 | 38 |
| Elementary Music IV..... | ... | ... | ... | 426 | 5 | 22 | ... | ... | ... | ... | ... | ... |
| The Appreciation of Music..... | ... | ... | ... | 429 | 3 | 21 | 429 | 3 | 46 | 429 | 3 | 61 |
| History and Appreciation I..... | ... | ... | ... | ... | ... | ... | 430 | 4 | 60 | ... | ... | ... |
| History and Appreciation II..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 431 | 4 | 56 |
| Music Education I..... | 442 | 4 | 13 | 442 | 4 | 28 | 442 | 4 | 16 | ... | ... | ... |
| Music Education II..... | ... | ... | ... | ... | ... | ... | 443 | 4 | 27 | 443 | 4 | 20 |
| The Teaching of Elementary School Music.... | 447 | 2 | 47 | 447 | 2 | 89 | ... | ... | ... | ... | ... | ... |
| The Teaching of Elementary School Music.... | 448 | 3 | 24 | ... | ... | ... | ... | ... | ... | 448 | 3 | 74 |
| Conducting I..... | 459 | 1 | 13 | ... | ... | ... | 459 | 1 | 35 | 459 | 1 | 30 |
| Harmony..... | ... | ... | ... | 460 | 3 | 49 | 460 | 3 | 8 | ... | ... | ... |
| Harmony..... | ... | ... | ... | ... | ... | ... | 461 | 3 | 46 | 461 | 3 | 5 |
| Harmony..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 462 | 3 | 43 |
| Advanced Harmony..... | ... | ... | ... | 463 | 3 | 53 | ... | ... | ... | ... | ... | ... |
| Advanced Harmony..... | ... | ... | ... | ... | ... | ... | 465 | 3 | 62 | ... | ... | ... |

| | | | | | | | | | | | | |
|--|-----|-----|-----|-----------|-----|-----|-----|-----|-----|-----|-----|-----|
| Advanced Harmony..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 468 | 3 | 60 |
| Harmony..... | 469 | 3-6 | 36 | not given | ... | ... | ... | ... | ... | ... | ... | ... |
| Counterpoint..... | ... | ... | ... | ... | ... | 472 | 3 | * | ... | ... | ... | ... |
| Counterpoint..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 474 | 3 | * |
| Intermediate Sight Singing and Ear Training..... | ... | ... | ... | 482 | 3 | 38 | 482 | 3 | 16 | ... | ... | ... |
| Advanced Sight Singing and Ear Training..... | ... | ... | ... | ... | ... | * | 483 | 3 | 36 | 483 | 3 | 18 |
| Advanced Sight Singing and Ear Training..... | ... | ... | ... | 485 | 2 | ... | ... | ... | ... | ... | ... | ... |
| Advanced Sight Singing and Ear Training..... | ... | ... | ... | ... | ... | ... | 486 | 2 | * | ... | ... | ... |
| Advanced Sight Singing and Ear Training..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 487 | 2 | 28 |
| Sight Singing and Ear Training..... | 488 | 2-6 | 77 | not given | ... | ... | ... | ... | ... | ... | ... | ... |
| Applied Music (Piano)..... | 560 | 1 | 72 | 560 | 1 | 106 | 560 | 1 | 137 | 560 | 1 | 111 |
| Applied Music (Voice)..... | 561 | 1 | 85 | 561 | 1 | 110 | 561 | 1 | 144 | 561 | 1 | 128 |
| Applied Music (Violin)..... | 562 | 1 | 14 | 562 | 1 | 32 | 562 | 1 | 11 | 562 | 1 | 8 |
| Applied Music (Woodwind)..... | 563 | 1 | 13 | 563 | 1 | 46 | 563 | 1 | 39 | 562 | 1 | 23 |
| Applied Music (Brass)..... | 564 | 1 | 7 | 564 | 1 | 12 | 564 | 1 | 39 | 564 | 1 | 13 |
| Applied Music (Percussion)..... | ... | ... | ... | 565 | 1 | 26 | ... | ... | ... | 565 | 1 | 43 |
| Applied Music (Miscellaneous and Orchestra Instruments: Small Ensemble)..... | ... | ... | ... | 566 | 1 | 41 | 566 | 1 | 51 | 566 | 1 | 52 |
| Ensemble Materials (Strings)..... | 567 | 1 | 5 | 567 | 1 | 11 | ... | ... | ... | ... | ... | ... |
| Ensemble Materials (Woodwind)..... | 568 | 1 | 6 | ... | ... | ... | ... | ... | ... | 568 | 1 | 19 |
| Ensemble Materials (Brass)..... | 569 | 1 | 8 | ... | ... | ... | 569 | 1 | 16 | ... | ... | ... |
| Applied Music (Major Instruments in Instrumental Music)..... | ... | ... | ... | 570 | 1 | 58 | 570 | 1 | 54 | 570 | 1 | 48 |
| Applied Music (First Minor in Instrumental Music)..... | ... | ... | ... | 571 | 1 | 47 | 571 | 1 | 48 | 571 | 1 | 45 |
| Applied Music (Second Minor in Instrumental Music)..... | ... | ... | ... | 572 | 1 | 19 | 572 | 1 | 21 | 572 | 1 | 22 |
| The Romanticists..... | ... | ... | ... | 601 | 4 | 61 | ... | ... | ... | ... | ... | ... |
| Wagner and the Music Drama..... | ... | ... | ... | 602 | 3 | * | ... | ... | ... | ... | ... | ... |
| Modern Music..... | 603 | 3 | 34 | ... | ... | ... | ... | ... | ... | 603 | 3 | 45 |
| History of Choral Music..... | ... | ... | ... | ... | ... | ... | 605 | 3 | * | ... | ... | ... |
| Chamber Music* Haydn to Brahms..... | 606 | 3 | 27 | 606 | 3 | 14 | ... | ... | ... | ... | ... | ... |
| Instrumental Music before Bach..... | ... | ... | ... | ... | ... | ... | 607 | 3 | 12 | ... | ... | ... |
| Music Literature for the Elementary School..... | 609 | 4 | 34 | ... | ... | ... | 609 | 4 | 43 | ... | ... | ... |
| Music in the Junior High School..... | 610 | 4 | 21 | ... | ... | ... | ... | ... | ... | 610 | 4 | 40 |
| High School Music..... | 611 | 4 | 35 | 611 | 4 | 34 | ... | ... | ... | ... | ... | ... |
| Supervision of Music in Elementary Schools..... | 612 | 3 | 12 | not given | ... | ... | ... | ... | ... | ... | ... | ... |
| Supervision of Music in Secondary Schools..... | 613 | 3 | 26 | not given | ... | ... | ... | ... | ... | ... | ... | ... |
| Instrumentation..... | 630 | 3 | 22 | 630 | 3 | 32 | ... | ... | ... | ... | ... | ... |
| Instrumentation..... | 632 | 3 | 11 | ... | ... | ... | 632 | 3 | 40 | ... | ... | ... |
| The School Band and Orchestra..... | ... | ... | ... | 641 | 4 | 28 | ... | ... | ... | ... | ... | ... |
| Conducting II (Band and Orchestra)..... | ... | ... | ... | ... | ... | ... | 642 | 3 | 49 | ... | ... | ... |
| Advanced Conducting..... | 643 | 3 | 17 | ... | ... | ... | ... | ... | ... | 643 | 3 | 18 |
| Instrumental Problems..... | 644 | 3 | 19 | not given | ... | ... | ... | ... | ... | ... | ... | ... |
| Minor Problems..... | 650 | 1-5 | 83 | 650 | 1-5 | 19 | 650 | 1-6 | 45 | 650 | 1-5 | 37 |
| Music in Radio Broadcasting..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 655 | 3 | 5 |
| Major Problems in Music Education..... | 660 | 1-3 | 15 | not given | ... | ... | ... | ... | ... | ... | ... | ... |
| Research in Music..... | 950 | ... | 22 | 950 | ... | 3 | 950 | ... | 2 | 950 | ... | 5 |
| University Chorus..... | A | 1 | 100 | A | 1 | 224 | A | 1 | 220 | A | 1 | 187 |
| University Orchestra..... | B | 1 | 25 | B | 7 | 77 | B | 1 | 75 | B | 1 | 69 |
| The University Marching Bands..... | ... | ... | ... | C | 1 | 155 | C | 1 | 240 | C | 1 | 124 |
| The University Band..... | ... | ... | ... | D | 1 | 73 | D | 1 | 79 | D | 1 | 72 |

THE WORK OF INSTRUCTORS—1938-1939 (Cont'd.)

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| COURSE SUBJECT | SUMMER QUARTER | | | AUTUMN QUARTER | | | WINTER QUARTER | | | SPRING QUARTER | | |
|---|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|
| | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections |
| Women's Glee Club..... | ... | ... | ... | E | 0 | 75 | E | 0 | 75 | E | 0 | 70 |
| Beginning Orchestra..... | ... | ... | ... | F | 1 | 55 | F | 1 | 94 | F | 1 | 97 |
| Men's Glee Club..... | ... | ... | ... | G | 0 | 76 | G | 0 | 78 | G | 0 | 65 |
| NURSING | | | | | | | | | | | | |
| Elementary Nursing..... | ... | ... | ... | 401 | 4 | 32 | 402 | 4 | 26 | ... | ... | ... |
| Supervised Practice in Elementary Nursing... | ... | ... | ... | 405 | 4 | 27 | 406 | 4 | 26 | ... | ... | ... |
| History of Nursing..... | ... | ... | ... | 450 | 2 | 23 | ... | ... | ... | 450 | 2 | 26 |
| Elementary Nursing..... | ... | ... | ... | 520 | 4 | 11 | ... | ... | ... | 520 | 4 | 5 |
| Supervised Practice in Elementary Nursing... | ... | ... | ... | 521 | 4 | 11 | 522 | 4 | 10 | 523 | 4 | 5 |
| Principles of Nursing in Medical Diseases.... | ... | ... | ... | ... | ... | ... | 530 | 3 | 22 | 530 | 3 | 26 |
| Supervised Practice in Medical Nursing..... | 531 | 7 | 3 | 531 | 7 | 8 | 531 | 7 | 6 | 531 | 7 | 6 |
| Supervised Practice in Medical Nursing..... | 532 | 7 | 2 | 532 | 7 | 3 | 532 | 7 | 5 | 532 | 7 | 6 |
| Principles of Pediatric Nursing..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 533 | 3 | 20 |
| Supervised Practice in Pediatric Nursing..... | 534 | 7 | 3 | 534 | 7 | 4 | 534 | 7 | 4 | 534 | 7 | 6 |
| Principles of Nursing in Communic. Diseases... | ... | ... | ... | ... | ... | ... | 535 | 3 | 17 | ... | ... | ... |
| Principles of Nursing in Dermatology..... | ... | ... | ... | 536 | 1 | 22 | ... | ... | ... | ... | ... | ... |
| Psychiatric Nursing..... | ... | ... | ... | 537 | 3 | 16 | ... | ... | ... | ... | ... | ... |
| Principles of Nursing in Surgical Conditions... | ... | ... | ... | ... | ... | ... | 540 | 3 | 22 | 540 | 3 | 26 |
| Supervised Practice in Surgical Nursing..... | 541 | 7 | 2 | 541 | 7 | 8 | 541 | 7 | 6 | 541 | 7 | 4 |
| Principles of Nursing in Diseases of the Eye... | ... | ... | ... | ... | ... | ... | 542 | 1 | 22 | ... | ... | ... |
| Principles of Nursing in Diseases of the Ear, Nose, and Throat..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 543 | 1 | 21 |
| Principles of Nursing in Surgical Specialties... | ... | ... | ... | 544 | 5 | 20 | ... | ... | ... | ... | ... | ... |
| Supervised Practice in Surgical Nursing..... | 545 | 7 | 5 | 545 | 7 | 7 | 545 | 7 | 4 | 545 | 7 | 6 |
| Principles of Nursing in Obstetrics..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 550 | 3 | 21 |
| Supervised Practice in Adv. Nursing Proceed.. | 561 | 7 | 1 | 561 | 7 | 2 | 561 | 7 | 2 | 561 | 7 | 5 |
| Nursing: Minor Problems..... | 600 | 1-4 | 4 | 600 | 1-4 | 5 | 600 | 1-4 | 3 | 600 | 1-4 | 5 |
| Advanced Psychiatric Nursing..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 601 | 3 | 20 |
| Principles of Public Health Nursing..... | ... | ... | ... | 602 | 5 | 21 | 602 | 5 | 28 | ... | ... | ... |
| Supervised Practice in Public Health Nursing... | ... | ... | ... | 603 | 7 | 8 | 603 | 7 | 8 | 602 | 7 | 13 |
| Organ, and Admin. of Public Health Nursing... | ... | ... | ... | ... | ... | ... | 604 | 5 | 23 | 604 | 5 | 20 |
| Social Case Problems..... | ... | ... | ... | 605 | 3 | 21 | ... | ... | ... | ... | ... | ... |
| Social Case Work Problems (Field)..... | 606 | 3 | 2 | 606 | 3 | 9 | 606 | 3 | 7 | 606 | 3 | 8 |
| Advanced Medical Nursing..... | ... | ... | ... | 630 | 3 | 3 | 631 | 3 | 3 | 632 | 3 | 1 |
| Supervised Practice in Medical Nursing..... | 633 | 3 | 7 | 633 | 3 | 8 | 632 | 3 | 3 | 635 | 3 | 1 |
| Advanced Surgical Nursing..... | ... | ... | ... | 640 | 3 | 7 | 641 | 3 | 6 | 642 | 3 | 3 |
| Supervised Practice in Surgical Nursing..... | 643 | 3 | 5 | 643 | 3 | 5 | 644 | 3 | 6 | 645 | 3 | 3 |
| Advanced Obstetrical Nursing..... | ... | ... | ... | 650 | 3 | 9 | 651 | 3 | 0 | 652 | 3 | 1 |

| | | | | | | | | | | | | |
|---|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|-----|
| Supervised Practice in Obstetrical Nursing... | 653 | 3 | 12 | 653 | 3 | 6 | 654 | 3 | 2 | 655 | 3 | 1 |
| Administration in School of Nursing..... | ... | ... | ... | ... | ... | ... | 660 | 3 | 12 | ... | ... | ... |
| Supervised Teaching in Nursing..... | 661 | 7 | 1 | 661 | 7 | 1 | 661 | 7 | 8 | 661 | 7 | 5 |
| Advanced Pediatric Nursing..... | ... | ... | ... | 670 | 3 | 5 | 671 | 3 | 3 | 672 | 3 | 4 |
| Supervised Practice in Pediatric Nursing..... | 673 | 3 | 10 | 673 | 3 | 9 | 674 | 3 | 9 | 675 | 3 | 4 |
| OBSTETRICS | | | | | | | | | | | | |
| Obstetrics, Normal..... | ... | ... | ... | 700 | 3 | 77 | ... | ... | ... | ... | ... | ... |
| Obstetrics, Abnormal..... | ... | ... | ... | ... | ... | ... | 702 | 3 | 78 | ... | ... | ... |
| Obstetrics, Pathological..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 703 | 3 | 69 |
| Clinical Obstetrics..... | 725 | 4 | 85 | 725 | 4 | 90 | 725 | 4 | 89 | 725 | 4 | 82 |
| Advanced Obstetrics..... | 750 | 5-15 | 0 | 750 | 5-15 | 0 | 750 | 5-15 | 0 | 750 | 5-15 | 0 |
| OPHTHALMOLOGY | | | | | | | | | | | | |
| Ophthalmology..... | ... | ... | ... | 700 | 3 | 77 | ... | ... | ... | ... | ... | ... |
| Pathology of the Eye..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 750 | 2 | 9 |
| OTO-LARYNGOLOGY | | | | | | | | | | | | |
| Oto-Laryngology..... | ... | ... | ... | 700 | 3 | 75 | ... | ... | ... | ... | ... | ... |
| PATHOLOGY | | | | | | | | | | | | |
| Elementary Pathology..... | ... | ... | ... | 401 | 2 | 24 | ... | ... | ... | 401 | 2 | 27 |
| Clinical Pathology..... | ... | ... | ... | ... | ... | ... | 603 | 3 | 68 | ... | ... | ... |
| Clinical Pathology..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 604 | 3 | 70 |
| Research in Clinical Pathology..... | ... | ... | ... | 616 | 3 | 0 | ... | ... | ... | ... | ... | ... |
| Research in Clinical Pathology..... | ... | ... | ... | ... | ... | ... | 617 | 3 | 2 | 618 | 3 | 1 |
| General Pathology..... | ... | ... | ... | 624 | 3 | 70 | ... | ... | ... | ... | ... | ... |
| Special Pathology..... | ... | ... | ... | ... | ... | ... | 625 | 3 | 69 | ... | ... | ... |
| Special Pathology..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 626 | 3 | 70 |
| General Pathology..... | ... | ... | ... | 650 | 3 | 83 | ... | ... | ... | ... | ... | ... |
| General Pathology..... | ... | ... | ... | ... | ... | ... | 651 | 3 | 78 | ... | ... | ... |
| Dental Pathology..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 652 | 2 | 51 |
| Clinical Pathology..... | ... | ... | ... | ... | ... | ... | 653 | 3 | 0 | 653 | 3 | 33 |
| Clinical Pathology..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 654 | 3 | 0 |
| General Pathology..... | ... | ... | ... | 661 | 3 | 2 | ... | ... | ... | ... | ... | ... |
| Special Pathology..... | ... | ... | ... | ... | ... | ... | 662 | 3 | 0 | ... | ... | ... |
| Special Pathology..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 663 | 3 | 0 |
| Autopsy Technique..... | ... | ... | ... | 700 | 1 | 23 | 700 | 1 | 28 | 700 | 1 | 26 |
| Surgical Pathology..... | ... | ... | ... | 725 | 1 | 27 | ... | ... | ... | ... | ... | ... |
| Medical Pathology..... | ... | ... | ... | ... | ... | ... | 726 | 1 | 26 | ... | ... | ... |
| Special Surgical Pathology..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 727 | 1 | 27 |
| Medico-Legal Pathology..... | ... | ... | ... | 751 | 1 | 11 | ... | ... | ... | ... | ... | ... |
| Pathology of Tropical Diseases..... | ... | ... | ... | 752 | 1 | 0 | ... | ... | ... | ... | ... | ... |
| Neuropathology..... | ... | ... | ... | ... | ... | ... | 753 | 1 | 12 | ... | ... | ... |
| Pathology of the Endocrine System..... | ... | ... | ... | ... | ... | ... | 754 | 1 | 5 | 754 | 1 | 12 |
| Pathology of the Diseases of the Skin and In- | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| fectious Exanthemata..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 755 | 1 | 0 |
| Biopsy Diagnosis..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 756 | 1 | 0 |
| Medicinal Photography..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 757 | 1 | 0 |
| Pathology..... | ... | ... | ... | ... | ... | ... | 780 | 1 | 1 | ... | ... | ... |
| Research in Pathology..... | ... | ... | ... | 950 | ... | 3 | 950 | ... | 2 | 950 | ... | 2 |

THE WORK OF INSTRUCTORS—1938-1939 (Cont'd.)

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| COURSE SUBJECT | SUMMER QUARTER | | | AUTUMN QUARTER | | | WINTER QUARTER | | | SPRING QUARTER | | |
|---|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|
| | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections |
| PHARMACY | | | | | | | | | | | | |
| Pharmacy Survey..... | ... | ... | ... | 400 | 1 | 62 | ... | ... | ... | ... | ... | ... |
| Pharmacy | ... | ... | ... | 401 | 5 | 62 | 401 | 5 | 12 | ... | ... | ... |
| Pharmacy | ... | ... | ... | ... | ... | ... | 402 | 5 | 44 | 402 | 5 | 15 |
| Pharmacy | ... | ... | ... | ... | ... | ... | ... | ... | ... | 403 | 5 | 48 |
| Pharmacy | ... | ... | ... | 404 | 3 | 63 | not offered | | | not offered | | |
| Pharmacy | ... | ... | ... | ... | ... | ... | 405 | 3 | 53 | not offered | | |
| Pharmacognosy: Commercial | ... | ... | ... | 422 | 5 | 22 | ... | ... | ... | 422 | 5 | 27 |
| Pharmaceutical Arithmetic | ... | ... | ... | 425 | 2 | 69 | 425 | 5 | 12 | ... | ... | ... |
| Pharmaceutical Arithmetic | ... | ... | ... | ... | ... | ... | 426 | 2 | 54 | 426 | 2 | 11 |
| Pharmacy: Applied | ... | ... | ... | 427 | 3 | 18 | ... | ... | ... | 427 | 3 | 40 |
| Current Pharmaceutical & Technical Literature | ... | ... | ... | 428 | 3 | 11 | ... | ... | ... | 428 | 3 | 39 |
| Pharmacy Laws and Regulations | ... | ... | ... | 433 | 3 | 53 | ... | ... | ... | ... | ... | ... |
| Drug Store Management | ... | ... | ... | ... | ... | ... | 434 | 3 | 30 | ... | ... | ... |
| Pharmacy | ... | ... | ... | ... | ... | ... | ... | ... | ... | 501 | 3 | 52 |
| Prescriptions and Incompatibilities | ... | ... | ... | 506 | 3 | 56 | ... | ... | ... | ... | ... | ... |
| New and Non-official Products | ... | ... | ... | ... | ... | ... | ... | ... | ... | 507 | 3 | 53 |
| U.S.P. and N.F. Organic Preparations | ... | ... | ... | ... | ... | ... | 508 | 3 | 54 | ... | ... | ... |
| Materia Medica | ... | ... | ... | 607 | 4 | 52 | ... | ... | ... | ... | ... | ... |
| Materia Medica | ... | ... | ... | ... | ... | ... | 608 | 4 | 50 | ... | ... | ... |
| Materia Medica | ... | ... | ... | ... | ... | ... | ... | ... | ... | 609 | 4 | 54 |
| Pharmaceutical Analysis | ... | ... | ... | 610 | 5 | 51 | ... | ... | ... | ... | ... | ... |
| Pharmaceutical Analysis | ... | ... | ... | ... | ... | ... | 611 | 5 | 52 | ... | ... | ... |
| Pharmaceutical Analysis | ... | ... | ... | ... | ... | ... | ... | ... | ... | 612 | 5 | 52 |
| Pharmacognosy: Microscopical | ... | ... | ... | 616 | 3 | 48 | ... | ... | ... | ... | ... | ... |
| Pharmacognosy: Microscopical | ... | ... | ... | ... | ... | ... | 617 | 3 | 49 | ... | ... | ... |
| Pharmacognosy: Microscopical | ... | ... | ... | ... | ... | ... | ... | ... | ... | 618 | 3 | 30 |
| Toxicology | ... | ... | ... | ... | ... | ... | ... | ... | ... | 619 | 5 | 52 |
| Cosmetics and Toilet Preparation | ... | ... | ... | ... | ... | ... | ... | ... | ... | 620 | 3 | 16 |
| Thesis | ... | ... | ... | 632 | 1 | 46 | ... | ... | ... | ... | ... | ... |
| Thesis | ... | ... | ... | ... | ... | ... | 633 | 2 | 45 | ... | ... | ... |
| Minor Problems | ... | ... | ... | 700 | 2-5 | 1 | ... | ... | ... | ... | ... | ... |
| PHILOSOPHY | | | | | | | | | | | | |
| Types of Philosophy | 400 | 3 | 22 | 400 | 3 | not given | ... | ... | ... | ... | ... | ... |
| Introduction to Philosophy | ... | ... | ... | 401 | 5 | 32 | 401 | 5 | 23 | 401 | 5 | 68 |
| Introduction to Reflective Thinking | 402 | 5 | 28 | 402 | 5 | 55 | 402 | 5 | 29 | 402 | 5 | 78 |
| Elementary Ethics | ... | ... | ... | 405 | 5 | 36 | 405 | 5 | 58 | 405 | 5 | 53 |
| Esthetics | ... | ... | ... | ... | ... | ... | 515 | 5 | 51 | ... | ... | ... |

| | | | | | | | | | | | | |
|--|-----|------|---------|-----|------|---------|-----|------|------|-----|------|------|
| Modern Philosophy to Kant..... | 601 | 5 | 6 | 601 | 5 | 29 | 602 | 5 | 27 | 603 | 5 | 16 |
| Philosophy since 1800..... | 604 | 3 | 4 | 604 | 3 | 4 | 606 | 3 | 12 | 608 | 3 | 5 |
| Recent and Contemporary Philosophy..... | 604 | 3 | 4 | 604 | 3 | 4 | 606 | 3 | 12 | 608 | 3 | 5 |
| American Philosophy..... | 604 | 3 | 4 | 604 | 3 | 4 | 606 | 3 | 12 | 608 | 3 | 5 |
| Philosophy and Poetry..... | 604 | 3 | 4 | 604 | 3 | 4 | 606 | 3 | 12 | 608 | 3 | 5 |
| Medieval Philosophy..... | 604 | 3 | 4 | 604 | 3 | 4 | 606 | 3 | 12 | 608 | 3 | 5 |
| Origin and Development of Religious Ideas..... | 604 | 3 | 4 | 604 | 3 | 4 | 606 | 3 | 12 | 608 | 3 | 5 |
| Representative Greek Philosophers..... | 604 | 3 | 4 | 604 | 3 | 4 | 606 | 3 | 12 | 608 | 3 | 5 |
| Representative Modern Philosophers..... | 604 | 3 | 4 | 604 | 3 | 4 | 606 | 3 | 12 | 608 | 3 | 5 |
| Formal Logic..... | 604 | 3 | 4 | 604 | 3 | 4 | 606 | 3 | 12 | 608 | 3 | 5 |
| Philosophy of Science..... | 652 | 3 | 2 | 652 | 3 | 10 | 652 | 3 | 10 | 653 | 5 | 19 |
| Philosophy of Religion..... | 652 | 3 | 2 | 652 | 3 | 10 | 652 | 3 | 10 | 653 | 5 | 19 |
| Principles of Social Ethics..... | 652 | 3 | 2 | 652 | 3 | 10 | 652 | 3 | 10 | 653 | 5 | 19 |
| Minor Problems..... | 660 | 2-10 | 5 | 660 | 2-10 | 4 | 660 | 2-10 | 7 | 660 | 2-10 | 8 |
| Metaphysics of Knowledge and Nature..... | 660 | 2-10 | 5 | 660 | 2-10 | 4 | 660 | 2-10 | 7 | 660 | 2-10 | 8 |
| Metaphysics of Personality and Values..... | 660 | 2-10 | 5 | 660 | 2-10 | 4 | 660 | 2-10 | 7 | 660 | 2-10 | 8 |
| Seminary in Systematic Philosophy..... | 801 | 3 | 0 | 801 | 3 | 3 | 802 | 3 | 3 | 803 | 3 | 4 |
| Research in Philosophy..... | 950 | ... | 1 | 950 | ... | 2 | 950 | ... | 1 | 950 | ... | 3 |
| PHOTOGRAPHY | | | | | | | | | | | | |
| Photography..... | 611 | 3 | 39 | 611 | 3 | 39 | 611 | 3 | 39 | 611 | 3 | 39 |
| Motion Picture Photography..... | 615 | 2 | 9 | 615 | 2 | 9 | 615 | 2 | 9 | 615 | 2 | 9 |
| Scientific Photography..... | 725 | 3 | 12 | 725 | 3 | 12 | 725 | 3 | 12 | 725 | 3 | 12 |
| Advanced Photography..... | 750 | 3 | 6 | 750 | 3 | 6 | 750 | 3 | 6 | 750 | 3 | 6 |
| PHYSICAL EDUCATION | | | | | | | | | | | | |
| Hygiene..... | 400 | 1 | 1171 | 400 | 1 | 1171 | 400 | 1 | 1086 | 400 | 1 | 936 |
| Physical Education..... | 401 | 1 | 2390 | 401 | 1 | 2390 | 401 | 1 | 2115 | 401 | 1 | 2115 |
| Physical Education..... | 402 | 1 | See 401 | 402 | 1 | See 401 | 402 | 1 | 2115 | 402 | 1 | 2115 |
| Physical Education..... | 403 | 1 | See 401 | 403 | 1 | See 401 | 403 | 1 | 2115 | 403 | 1 | 2115 |
| Hygiene..... | 410 | 3 | 70 | 410 | 3 | 70 | 410 | 3 | 70 | 410 | 3 | 70 |
| Physical Education Activities..... | 411 | 1 | 86 | 411 | 1 | 86 | 411 | 1 | 86 | 411 | 1 | 86 |
| Physical Education Activities..... | 412 | 1 | 82 | 412 | 1 | 82 | 412 | 1 | 82 | 412 | 1 | 82 |
| Physical Education Activities..... | 413 | 1 | 78 | 413 | 1 | 78 | 413 | 1 | 78 | 413 | 1 | 78 |
| Physical Education Activities..... | 414 | 0 | 52 | 414 | 0 | 52 | 414 | 0 | 52 | 414 | 0 | 52 |
| Physical Education Activities..... | 415 | 0 | 59 | 415 | 0 | 59 | 415 | 0 | 59 | 415 | 0 | 59 |
| Physical Education Activities..... | 416 | 0 | 52 | 416 | 0 | 52 | 416 | 0 | 52 | 416 | 0 | 52 |
| Physical Education..... | 421 | 1 | 178 | 421 | 1 | 178 | 421 | 1 | 178 | 421 | 1 | 178 |
| Physical Education..... | 422 | 1 | 945 | 422 | 1 | 945 | 422 | 1 | 945 | 422 | 1 | 945 |
| Physical Education..... | 423 | 1 | 754 | 423 | 1 | 754 | 423 | 1 | 754 | 423 | 1 | 754 |
| Physical Education..... | 425 | 1 | 37 | 425 | 1 | 37 | 425 | 1 | 37 | 425 | 1 | 37 |
| Physical Education..... | 426 | 1 | 654 | 426 | 1 | 654 | 426 | 1 | 654 | 426 | 1 | 654 |
| The Administration of Interscholastic Athletics..... | 427 | 1 | 684 | 427 | 1 | 684 | 427 | 1 | 684 | 427 | 1 | 684 |
| Theory of Physical Education..... | 443 | 2 | 16 | 443 | 2 | 16 | 443 | 2 | 16 | 443 | 2 | 16 |
| Theory of Physical Education..... | 446 | 3 | 26 | 446 | 3 | 26 | 446 | 3 | 26 | 446 | 3 | 26 |
| Theory of Physical Education..... | 447 | 2 | * | 447 | 2 | * | 447 | 2 | * | 447 | 2 | * |
| Theory of Physical Education..... | 449 | 2 | 22 | 449 | 2 | 22 | 449 | 2 | 22 | 449 | 2 | 22 |
| Folk Dancing..... | 460 | 2 | 25 | 460 | 2 | 25 | 460 | 2 | 25 | 460 | 2 | 25 |
| Dancing for Boys..... | 467 | 2 | 12 | 467 | 2 | 12 | 467 | 2 | 12 | 467 | 2 | 12 |
| Tumbling, Stunts, and Self-testing Activities..... | 468 | 2 | 12 | 468 | 2 | 12 | 468 | 2 | 12 | 468 | 2 | 12 |

THE WORK OF INSTRUCTORS—1938-1939 (Cont'd.)

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ANNUAL REPORT

| COURSE SUBJECT | SUMMER QUARTER | | | AUTUMN QUARTER | | | WINTER QUARTER | | | SPRING QUARTER | | |
|---|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|
| | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections |
| Group Games for Boys..... | 469 | 2 | 19 | not given | ... | ... | ... | ... | ... | ... | ... | ... |
| Team Sports II..... | 471 | 2 | 14 | not given | ... | ... | ... | ... | ... | ... | ... | ... |
| Safety Measures and First Aid..... | ... | ... | ... | ... | ... | ... | 473 | 1 | 25 | ... | ... | ... |
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| Research in Political Science..... | 950 | ... | 7 | 950 | ... | 12 | 950 | ... | 10 | 950 | ... |
| POULTRY HUSBANDRY | | | | | | | | | | | |
| Principles of Poultry Production..... | ... | ... | ... | 401 | 5 | 101 | 401 | 5 | 61 | 401 | 5 |
| Commercial Poultry Production & Management | ... | ... | ... | ... | ... | ... | 412 | 5 | 6 | ... | ... |
| Poultry Farm Sanitation..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 413 | 5 |
| Poultry Production for Students in Vet. Med. | ... | ... | ... | ... | ... | ... | ... | ... | ... | 415 | 3 |
| Poultry Judging and Breeding..... | ... | ... | ... | 502 | 5 | 11 | ... | ... | ... | ... | ... |
| Poultry Feeding..... | ... | ... | ... | ... | ... | ... | 509 | 5 | 20 | ... | ... |
| Marketing and Processing Poultry Products.. | ... | ... | ... | 603 | 3 | 6 | ... | ... | ... | ... | ... |
| Principles and Practices of Incubation and | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Brooding | ... | ... | ... | ... | ... | ... | ... | ... | ... | 609 | 3 |
| Special Problems in Poultry Husbandry..... | 701 | 3-15 | 4 | 701 | 3-15 | 1 | 701 | 3-15 | 4 | 701 | 3-15 |
| Research in Poultry Husbandry..... | 950 | ... | 0 | 950 | ... | 1 | 950 | ... | 1 | 950 | ... |
| PSYCHOLOGY | | | | | | | | | | | |
| Probation | ... | ... | ... | ... | ... | ... | 000 | 0 | * | 000 | 0 |
| Elementary Psychology..... | 401 | 5 | 151 | 401 | 5 | 768 | 401 | 5 | 602 | 401 | 5 |
| Elementary Psychology..... | 402 | 5 | 48 | 402 | 5 | 212 | 402 | 5 | 247 | 402 | 5 |
| Educational Psychology..... | 407 | 5 | 138 | 407 | 5 | 243 | 407 | 5 | 252 | 407 | 5 |
| Mental Hygiene..... | ... | ... | ... | 408 | 3 | 56 | 408 | 3 | 55 | 408 | 3 |
| Introduction to Applied Psychology..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 409 | 3 |
| Psychology of Effective Study and Individual | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Adjustment | ... | ... | ... | 411 | 3 | 123 | 411 | 3 | 103 | 411 | 3 |
| Psychological Problems in Engineering..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 501 | 3 |
| Experimental Psychology..... | ... | ... | ... | 601 | 3 | 14 | ... | ... | ... | ... | ... |
| Experimental Psychology..... | ... | ... | ... | ... | ... | ... | 602 | 3 | 13 | ... | ... |
| Experimental Psychology..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 603 | 3 |
| Physiological Psychology..... | ... | ... | ... | 605 | 3 | 28 | ... | ... | ... | ... | ... |
| Advanced Physiological Psychology..... | ... | ... | ... | ... | ... | ... | 606 | 3 | 5 | ... | ... |
| Genetic Psychology..... | 607 | 5 | 13 | ... | ... | ... | ... | ... | ... | 607 | 5 |
| Educational Statistics: Elementary..... | 608 | 4 | 62 | 608 | 4 | 25 | ... | ... | ... | ... | ... |
| The Exceptional Child..... | 609 | 3 | 59 | ... | ... | ... | 609 | 3 | 69 | 609 | 3 |
| Adolescence | 610 | 3 | 94 | 610 | 3 | 65 | 610 | 3 | 81 | ... | ... |
| The Mentally Deficient Child..... | 611 | 3 | 43 | 611 | 3 | 65 | ... | ... | ... | ... | ... |

THE WORK OF INSTRUCTORS—1938-1939 (Cont'd.)

| COURSE SUBJECT | SUMMER QUARTER | | | AUTUMN QUARTER | | | WINTER QUARTER | | | SPRING QUARTER | | |
|---|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|
| | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections |
| Mental and Educational Tests..... | 613 | 3 | 27 | ... | ... | ... | 613 | 3 | 36 | ... | ... | ... |
| Individual Testing by the Binet-Simon Method | 616 | 2 | 23 | 616 | 2 | 21 | 616 | 2 | 12 | ... | ... | ... |
| Advanced Binet Testing..... | ... | ... | ... | ... | ... | ... | 617 | 2 | 10 | 617 | 2 | 8 |
| Clinical Tests..... | 618 | 2 | 9 | 618 | 2 | 18 | ... | ... | ... | 618 | 2 | 12 |
| Psychological Clinic..... | 619 | 2 or 4 | 17 | 619 | 2 or 4 | 8 | 619 | 2 or 4 | 11 | 619 | 2 or 4 | 9 |
| Advanced Psychological Clinic..... | ... | ... | ... | 620 | 2 | 4 | 620 | 2 | 3 | 620 | 2 | 7 |
| Social Psychology..... | 621 | 3 | 43 | ... | ... | ... | 621 | 3 | 60 | ... | ... | ... |
| The Psychology of the Delinquent Child..... | 622 | 3 | 35 | ... | ... | ... | ... | ... | ... | 622 | 3 | 62 |
| Psychology of Vision and Hearing..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 624 | 5 | 29 |
| Learning and Thinking..... | ... | ... | ... | ... | ... | ... | 626 | 3 | 15 | ... | ... | ... |
| Principles and Economy of Learning..... | 628 | 3 | 47 | ... | ... | ... | not given | | | ... | ... | ... |
| Advanced Psychology..... | ... | ... | ... | 629 | 5 | 21 | ... | ... | ... | ... | ... | ... |
| Psychology of Feeling and Emotion..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 630 | 5 | 29 |
| Psychological Theories of Ability..... | ... | ... | ... | ... | ... | ... | 631 | 3 | ... | ... | ... | ... |
| Criminal and Legal Psychology..... | ... | ... | ... | ... | ... | ... | 634 | 5 | 30 | ... | ... | ... |
| Psychology of Advertising..... | ... | ... | ... | 635 | 3 | 45 | ... | ... | ... | 635 | 3 | 34 |
| Industrial Psychology..... | ... | ... | ... | 637 | 3 | 60 | ... | ... | ... | ... | ... | ... |
| Industrial & Vocational Psychology Laboratory | ... | ... | ... | ... | ... | ... | ... | ... | ... | 638 | 3 | 13 |
| Psychology and Personnel..... | ... | ... | ... | ... | ... | ... | 639 | 3 | 57 | ... | ... | ... |
| Educational and Vocational Guidance..... | 640 | 3 | 28 | ... | ... | ... | 640 | 3 | 49 | ... | ... | ... |
| Abnormal Psychology..... | 641 | 5 | 21 | ... | ... | ... | 641 | 5 | 61 | ... | ... | ... |
| Psychopathology..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 642 | 3 | ... |
| Human Motives and Incentives..... | 644 | 3 | 35 | ... | ... | ... | ... | ... | ... | 644 | 3 | 43 |
| History of Psychology..... | ... | ... | ... | 645 | 4 | 11 | ... | ... | ... | ... | ... | ... |
| Contemporary Viewpoints in Psychology..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 646 | 3 | 18 |
| Theoretical Psychology..... | ... | ... | ... | ... | ... | ... | 647 | 3 | 13 | ... | ... | ... |
| Minor Problems..... | 650 | 1 or more | 44 | 650 | 1 or more | 30 | 650 | 1 or more | 36 | 650 | 1 or more | 32 |
| Psychology of High School Subjects..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 652 | 3 | 16 |
| Comparative Psychology..... | ... | ... | ... | 655 | 5 | 11 | ... | ... | ... | ... | ... | ... |
| Comparative Psychology..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 656 | 3 | ... |
| Comparative Psychology Laboratory..... | ... | ... | ... | 657 | 3 | 1 | ... | ... | ... | ... | ... | ... |
| University Personnel Psychology..... | ... | ... | ... | 659 | 3 | 5 | ... | ... | ... | ... | ... | ... |
| Comparative Psychology Laboratory..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 660 | 3 | ... |
| Psycho-Educational Problems..... | ... | ... | ... | 661 | 2 | 0 | 661 | 2 | 0 | 661 | 2 | 2 |
| Infant Behavior..... | 663 | 3 | 18 | ... | ... | ... | 662 | 3 | 21 | ... | ... | ... |
| Psychology of the Elementary School Period... | 663 | 4 | 92 | 663 | 4 | 82 | ... | ... | ... | ... | ... | ... |
| Observation of the Elementary School Child... | ... | ... | ... | ... | ... | ... | 664 | 1 | 84 | 664 | 1 | 16 |
| The Psychology of Character Formation..... | ... | ... | ... | ... | ... | ... | 665 | 3 | 16 | ... | ... | ... |

| | | | | | | | | | | | | |
|---|-----|-----------|-----|-----|-----------|-----|-----|-----------|-----|-----|-----------|-----|
| Psychology of Music..... | 668 | 3 | 13 | 668 | 3 | * | 667 | 3 | 4 | ... | ... | ... |
| Principles of Gestalt Psychology..... | 668 | 1 or more | 0 | 674 | 1 or more | 0 | 674 | 1 or more | 2 | 674 | 1 or more | 0 |
| Research Problems of the Dean of Women... | 674 | ... | ... | ... | ... | ... | ... | ... | ... | 676 | 3 | 0 |
| Methods and Viewpoints in Educational Psychology | ... | ... | ... | ... | ... | ... | ... | ... | ... | 677 | 2 | * |
| Graphic Methods | ... | ... | ... | ... | ... | ... | ... | ... | ... | 678 | 3 | 61 |
| Psychology of Personality..... | 678 | 3 | 70 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Psychology of Public Attitudes..... | ... | ... | ... | 679 | 3 | 24 | ... | ... | ... | ... | ... | ... |
| Educational Tests and Measurements..... | 680 | 3 | 27 | ... | ... | ... | ... | ... | ... | 680 | 3 | 17 |
| Psychology of Diagnostic and Corrective Instruction in Secondary Education..... | ... | ... | ... | 681 | 5 | 14 | 681 | 5 | 16 | 681 | 5 | 12 |
| Laboratory Practice in Diagnostic and Corrective Instruction | ... | ... | ... | 682 | 3 | 0 | 682 | 3 | 7 | 682 | 3 | 6 |
| Psychology of Reading..... | 683 | 3 | 81 | ... | ... | ... | ... | ... | ... | 683 | 3 | 21 |
| Seminary in Experimental Psychology..... | 802 | 2 | 7 | 802 | 2 | 6 | 802 | 2 | 4 | 802 | 2 | 4 |
| Seminary in Educational Psychology..... | ... | ... | ... | 803 | 2 | 8 | ... | ... | ... | 803 | 2 | 14 |
| Seminary in Tests and Measurements..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 804 | 2 | * |
| Contemporary Psychological Literature..... | ... | ... | ... | 805 | 1 | 9 | 805 | 1 | 8 | 805 | 1 | 6 |
| Seminary in Abnormal Psychology..... | ... | ... | ... | ... | ... | ... | 806 | 2 | 8 | 806 | 2 | 17 |
| Seminary in Industrial Psychology..... | ... | ... | ... | ... | ... | ... | 807 | 2 | 0 | ... | ... | ... |
| Psycho-Analysis | 808 | 2 | 4 | 808 | 2 | 9 | ... | ... | ... | ... | ... | ... |
| Advanced Theoretical Psychology..... | ... | ... | ... | 811 | 3 | 0 | ... | ... | ... | ... | ... | ... |
| Advanced Statistics | ... | ... | ... | ... | ... | ... | 814 | 3 | 4 | ... | ... | ... |
| Seminary in Psychological Statistics..... | ... | ... | ... | 815 | 2 | * | 815 | 2 | * | ... | ... | ... |
| Special Statistical Methods..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 816 | 4 | 6 |
| Seminary in Student Personnel Psychology... | ... | ... | ... | 822 | 2 | 0 | ... | ... | ... | ... | ... | ... |
| Psychological Problems of Adult Life..... | 825 | 2 | 21 | ... | not given | ... | ... | ... | ... | ... | ... | ... |
| Advanced Experimental Laboratory..... | ... | ... | ... | 831 | 3-15 | 0 | 832 | 3-15 | 0 | 833 | 3-15 | 0 |
| Research in Psychology..... | 950 | ... | 22 | 950 | ... | 30 | 950 | ... | 29 | 950 | ... | 31 |

ROMANCE LANGUAGES

FRENCH

| | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Elementary French | 401 | 5 | 11 | 401 | 5 | 193 | 401 | 5 | 67 | 401 | 5 | 41 |
| Elementary French | 402 | 5 | 6 | 402 | 5 | 65 | 402 | 5 | 131 | 402 | 5 | 54 |
| Intermediate French | ... | ... | ... | 403 | 5 | 144 | 403 | 5 | 55 | 403 | 5 | 70 |
| Intermediate French | ... | ... | ... | 404 | 5 | 92 | 404 | 5 | 97 | 404 | 5 | 43 |
| Elementary French Conversation and Composition | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Introduction to French Literature..... | ... | ... | ... | 410 | 5 | 26 | 410 | 5 | 40 | 410 | 5 | 35 |
| Introduction to French Literature..... | ... | ... | ... | 413 | 5 | 43 | 413 | 5 | 43 | 413 | 5 | 59 |
| Intermediate French Conversation and Composition | 520 | 3 | 0 | 414 | 5 | 18 | 414 | 5 | 19 | 414 | 5 | 27 |
| French Literature of the 17th Cent. (1680-1715) | ... | ... | ... | 520 | 3 | 6 | 520 | 3 | 8 | 520 | 3 | 12 |
| French Literature of the 17th Cent. (1600-1660) | ... | ... | ... | ... | ... | ... | ... | ... | ... | 600 | 3 | 13 |
| French Literature of the 17th Cent. (1660-1680) | ... | ... | ... | 602 | 5 | 10 | 601 | 5 | 6 | ... | ... | ... |
| French Literature of the First Half of the 19th Century | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| French Literature of the 15th and 16th Centuries | ... | ... | ... | ... | ... | ... | ... | ... | ... | 603 | 5 | * |
| French Literature of the 16th Century..... | ... | ... | ... | 605 | 3 | 8 | ... | ... | ... | ... | ... | ... |
| French Literature of the 18th Cent. (1700-1750) | ... | ... | ... | 607 | 3 | 11 | 606 | 3 | 12 | ... | ... | ... |

THE WORK OF INSTRUCTORS—1938-1939 (Cont'd.)

| COURSE SUBJECT | SUMMER QUARTER | | | AUTUMN QUARTER | | | WINTER QUARTER | | | SPRING QUARTER | | |
|---|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|
| | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections |
| French Literature of the 18th Cent. (1750-1789) | ... | ... | ... | ... | ... | ... | 608 | 3 | 7 | ... | ... | ... |
| The French Novel of the 19th Century..... | 609 | 3 | 19 | ... | not given | ... | ... | 3 | ... | ... | ... | ... |
| The French Novel of the 20th Century..... | ... | ... | ... | ... | ... | ... | 610 | 3 | * | ... | ... | ... |
| The Comedy of Manners in the 19th Century (1800-1880) | ... | ... | ... | 611 | 3 | 13 | ... | ... | ... | ... | ... | ... |
| The Comedy of Manners in the 19th Century (1800-1914) | 612 | 3 | 15 | ... | ... | ... | 612 | 3 | 12 | ... | ... | ... |
| Cours de Style..... | 623 | 3 | 18 | 623 | 3 | 7 | ... | ... | ... | 623 | 3 | 14 |
| Cours de Style..... | ... | ... | ... | ... | ... | ... | 624 | 3 | 4 | ... | ... | ... |
| French Pronunciation | 627 | 3 | 11 | ... | not given | ... | ... | ... | ... | ... | ... | ... |
| Modern French Syntax..... | ... | ... | ... | 628 | 3 | 12 | ... | ... | ... | 628 | 3 | 21 |
| History of the French Language..... | ... | ... | ... | ... | ... | ... | 629 | 3 | 10 | ... | ... | ... |
| Contemporary France | 630 | 3 | 12 | ... | not given | ... | ... | ... | ... | ... | ... | ... |
| French Pronunciation and Diction..... | ... | ... | ... | 632 | 5 | 11 | 632 | 5 | 19 | ... | ... | ... |
| Cour de Civilisation Francaise..... | 635 | 3 | 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| France in 20th Century Literature..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 640 | 3 | * |
| French Poetry of the 19th Century..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 650 | 3 | 13 |
| Minor Problems in French..... | 701 | 3-5 | 2 | 701 | 3-5 | 1 | 701 | 3-5 | 1 | 701 | 3-5 | 0 |
| Honors Course in French..... | ... | ... | ... | 705 | 3-10 | 0 | ... | ... | ... | ... | ... | ... |
| Honors Course in French..... | ... | ... | ... | ... | ... | ... | 706 | 3-10 | 0 | ... | ... | ... |
| Honors Course in French..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 707 | 3-10 | 3 |
| Introduction to Old French..... | ... | ... | ... | ... | ... | ... | 801 | 3 | 9 | ... | ... | ... |
| Introduction to Old French..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 802 | 3 | 9 |
| Old Provençal | ... | ... | ... | ... | ... | ... | 803 | 3 | * | ... | ... | ... |
| Old Provençal | ... | ... | ... | ... | ... | ... | ... | ... | ... | 804 | 3 | * |
| Seminary in French Literature..... | 811 | 3 | 9 | 811 | 3 | 6 | ... | ... | ... | ... | ... | ... |
| Seminary in French Literature..... | ... | ... | ... | ... | ... | ... | 812 | 3 | 8 | ... | ... | ... |
| Old French Literature..... | ... | ... | ... | 813 | 3 | 9 | ... | ... | ... | ... | ... | ... |
| Seminary in French Literature..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 817 | 3 | 3 |
| Research in French Language and Literature | 950 | ... | 26 | 950 | ... | 1 | 950 | ... | 4 | 950 | ... | 6 |
| ITALIAN | | | | | | | | | | | | |
| Elementary Italian | ... | ... | ... | 401 | 5 | 12 | ... | ... | ... | ... | ... | ... |
| Elementary Italian | ... | ... | ... | ... | ... | ... | 402 | 5 | 10 | ... | ... | ... |
| Modern Italian Literature—1800-1850..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 601 | 5 | 7 |
| Modern Italian Literature—1851-1900..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 602 | 5 | * |
| Dante's Life and Works..... | ... | ... | ... | ... | ... | ... | 611 | 3 | 5 | ... | ... | ... |
| Minor Problems in Italian..... | ... | ... | ... | 701 | 3-5 | 1 | 701 | 3-5 | 0 | 701 | 3-5 | 1 |
| Research in Italian Language or Literature.. | ... | ... | ... | 950 | ... | 1 | 950 | ... | 1 | 950 | ... | 0 |

THE WORK OF INSTRUCTORS—1938-1939 (Cont'd.)

| COURSE SUBJECT | SUMMER QUARTER | | | AUTUMN QUARTER | | | WINTER QUARTER | | | SPRING QUARTER | | |
|--|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|
| | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections |
| SOCIAL ADMINISTRATION | | | | | | | | | | | | |
| Historical Development of Social Case Work... | ... | ... | ... | 619 | 3 | 33 | 619 | 3 | 24 | ... | ... | ... |
| Community Planning for Child Care..... | ... | ... | ... | ... | ... | ... | 620 | 3 | 37 | 620 | 3 | 10 |
| Penology | ... | ... | ... | 626 | 3 | 20 | ... | ... | ... | ... | ... | ... |
| The Juvenile Court..... | ... | ... | ... | ... | ... | ... | 627 | 3 | 20 | ... | ... | ... |
| Field Work in Social Investigation..... | ... | ... | ... | 638 | 5 | 35 | ... | ... | ... | 638 | 5 | 20 |
| Social Statistics..... | ... | ... | ... | ... | ... | ... | 639 | 5 | 45 | 639 | 5 | 13 |
| Case Recording | ... | ... | ... | ... | ... | ... | 642 | 3 | 43 | ... | ... | ... |
| Contemporary Group Work and Recreation... | 646 | 4 | 6 | ... | ... | ... | 646 | 4 | 16 | ... | ... | ... |
| Leadership and Direction of Group Activities. | ... | ... | ... | 647 | 3 | 27 | ... | ... | ... | ... | ... | ... |
| Camping: Its Organization & Administration | 649 | 3 | 9 | ... | ... | ... | ... | ... | ... | 649 | 3 | 14 |
| Guidance of Leisure of the Adolescent..... | ... | ... | ... | ... | ... | ... | 650 | 5 | 20 | ... | ... | ... |
| Welfare Problems in Rural Communities.... | ... | ... | ... | ... | ... | ... | 657 | 4 | 4 | ... | ... | ... |
| Community Organization..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 668 | 3 | 41 |
| Community Health Organization..... | 670 | 3 | 20 | ... | ... | ... | 670 | 3 | 18 | ... | ... | ... |
| Community Health Organization..... | 671 | 3 | 6 | ... | not given | ... | ... | ... | ... | ... | ... | ... |
| Medical Aspects of Social Work..... | ... | ... | ... | ... | ... | ... | 672 | 3 | 58 | ... | ... | ... |
| Psychiatric Aspects of Social Work..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 673 | 3 | 57 |
| Field Work..... | 675 | 6-15 | 10 | 675 | 6-15 | 7 | 675 | 6-15 | 3 | 675 | 6-15 | 50 |
| The Field of Social Work..... | ... | ... | ... | 676 | 2 | 48 | ... | ... | ... | ... | ... | ... |
| Legal Aspects of Social Work..... | ... | ... | ... | 679 | 3 | 51 | 679 | 3 | 7 | ... | ... | ... |
| Social Case Work | ... | ... | ... | 690 | 3 | * | ... | ... | ... | ... | ... | ... |
| Social Case Work | 695 | 5 | 6 | 695 | 5 | 71 | 695 | 5 | 11 | ... | ... | ... |
| Social Case Work | ... | ... | ... | ... | ... | ... | 696 | 5 | 54 | 696 | 5 | 8 |
| The Case Method in Group Work..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 697 | 3 | 7 |
| Special Problems..... | 700 | 1-4 | 5 | 700 | 1-4 | 19 | 700 | 1-4 | 37 | 700 | 1-4 | 39 |
| Community Chest Movement..... | ... | ... | ... | 813 | 4 | 16 | ... | ... | ... | ... | ... | ... |
| Contemporary Social Work..... | ... | ... | ... | ... | ... | ... | 814 | 4 | 17 | ... | ... | ... |
| Interpretation of Social Work..... | 815 | 4 | 16 | ... | not given | ... | ... | ... | ... | ... | ... | ... |
| The Social Worker and Community Groups... | ... | ... | ... | 885 | 3 | 25 | ... | ... | ... | ... | ... | ... |
| National Social Work Agencies and Local Programs | ... | ... | ... | ... | ... | ... | 886 | 3 | 15 | ... | ... | ... |
| Budgeting Community Social Work..... | 837 | 3 | 16 | ... | not given | ... | ... | ... | ... | ... | ... | ... |
| Social Case Work | ... | ... | ... | 838 | 3 | 12 | ... | ... | ... | ... | ... | ... |
| Interviewing in Social Case Work..... | ... | ... | ... | 839 | 3 | * | ... | ... | ... | ... | ... | ... |
| Probation and Parole..... | ... | ... | ... | 840 | 3 | 5 | ... | ... | ... | ... | ... | ... |
| Public Welfare Administration..... | 841 | 3 | 0 | ... | not given | ... | ... | ... | ... | ... | ... | ... |
| Public Welfare Administration..... | ... | ... | ... | 842 | 3 | * | 842 | 3 | * | 842 | 3 | * |
| The Administration of Social Work Agencies. | ... | ... | ... | 843 | 3 | * | 843 | 3 | * | 843 | 3 | * |

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|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|-----|-----|
| Methods of Social Investigation..... | ... | ... | ... | 845 | 4 | 23 | ... | ... | ... | ... | ... | ... |
| Methods of Social Investigation..... | ... | ... | ... | ... | ... | ... | 846 | 4 | 21 | ... | ... | ... |
| Research in Penology..... | ... | ... | ... | 847 | 1-4 | 0 | ... | ... | ... | ... | ... | ... |
| Research in Penology..... | ... | ... | ... | ... | ... | ... | 848 | 1-4 | 2 | ... | ... | ... |
| Research in Penology..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 849 | 1-4 | 5 |
| Social Case Work in Penology..... | ... | ... | ... | ... | ... | ... | 850 | 3 | 5 | ... | ... | ... |
| Case Work in Criminology..... | ... | ... | ... | ... | ... | ... | 851 | 3 | 0 | ... | ... | ... |
| Administration Relationships in Group Work..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 853 | 4 | 12 |
| Public Recreation: Its Organization & Admin..... | ... | ... | ... | ... | ... | ... | 855 | 3 | 15 | ... | ... | ... |
| Advanced Case Work..... | 860 | 4 | 0 | 860 | 4 | 7 | ... | ... | ... | ... | ... | ... |
| Advanced Case Work..... | ... | ... | ... | ... | ... | ... | 861 | 2 | 4 | not offered | ... | ... |
| Research in Social Administration..... | 950 | ... | 16 | 950 | ... | 31 | 950 | ... | 55 | 950 | ... | 24 |
| SOCIOLOGY | | | | | | | | | | | | |
| Principles of Sociology..... | 401 | 5 | 187 | 401 | 5 | 458 | 401 | 5 | 320 | 401 | 5 | 225 |
| Principles of Sociology..... | 402 | 5 | 45 | 402 | 5 | 104 | 402 | 5 | 194 | 402 | 5 | 162 |
| Educational Sociology..... | 407 | 5 | 61 | 407 | 5 | 44 | 407 | 5 | 191 | 407 | 5 | 128 |
| Principles of Sociology..... | ... | ... | ... | 410 | 5 | 63 | 410 | 5 | 59 | 410 | 5 | 72 |
| Introduction to Anthropology..... | ... | ... | ... | 501 | 5 | 61 | 501 | 5 | 42 | ... | ... | ... |
| Introduction to Cultural Anthropology and Ethnography..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 503 | 5 | 8 |
| The Sociology of Urban Life..... | 505 | 5 | 15 | ... | ... | ... | ... | ... | ... | 505 | 5 | 59 |
| The Family..... | 601 | 4 | 33 | 601 | 4 | 24 | 601 | 4 | 52 | 601 | 4 | 65 |
| The Immigrant..... | 605 | 4 | 41 | ... | ... | ... | 605 | 4 | 44 | ... | ... | ... |
| Race Contacts and Culture Conflicts..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 607 | 4 | 32 |
| The Negro in American Life..... | ... | ... | ... | 608 | 4 | 34 | ... | ... | ... | ... | ... | ... |
| The Standard of Living..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 610 | 4 | 58 |
| Primitive Social Organization..... | ... | ... | ... | 612 | 3 | 7 | ... | ... | ... | ... | ... | ... |
| Primitive Religion..... | ... | ... | ... | ... | ... | ... | 613 | 3 | 5 | ... | ... | ... |
| Poverty..... | ... | ... | ... | ... | ... | ... | 618 | 3 | 12 | ... | ... | ... |
| Human Nature and Social Adjustment..... | ... | ... | ... | 622 | 3 | 49 | ... | ... | ... | ... | ... | ... |
| Collective Social Phenomena..... | ... | ... | ... | ... | ... | ... | 623 | 3 | 23 | ... | ... | ... |
| The Criminal..... | ... | ... | ... | 625 | 3 | 34 | ... | ... | ... | 625 | 3 | 53 |
| Leisure and Recreation..... | 645 | 4 | 22 | 645 | 4 | 65 | ... | ... | ... | 645 | 4 | 30 |
| Rural Social Institutions..... | ... | ... | ... | 656 | 4 | 19 | ... | ... | ... | ... | ... | ... |
| Social Order and Social Control..... | ... | ... | ... | 665 | 3 | 13 | ... | ... | ... | ... | ... | ... |
| Social Evolution..... | ... | ... | ... | ... | ... | ... | 666 | 3 | 9 | ... | ... | ... |
| Social Progress..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 667 | 3 | 15 |
| Social Classes..... | ... | ... | ... | 676 | 4 | 17 | ... | ... | ... | ... | ... | ... |
| Theories and Movements of Social Reconstruc- tion..... | ... | ... | ... | ... | ... | ... | 677 | 4 | 18 | ... | ... | ... |
| Special Problems..... | ... | ... | ... | 700 | 1-4 | 2 | 700 | 1-4 | 6 | 700 | 1-4 | 6 |
| Sociological Research..... | ... | ... | ... | 800 | 4 | 6 | ... | ... | ... | ... | ... | ... |
| History of Sociological Thought..... | ... | ... | ... | 801 | 2 | 5 | ... | ... | ... | ... | ... | ... |
| History of Sociological Thought..... | ... | ... | ... | ... | ... | ... | 802 | 2 | 6 | ... | ... | ... |
| History of Sociological Thought..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 803 | 2 | 4 |
| American Sociological Theory..... | ... | ... | ... | 805 | 2 | 5 | ... | ... | ... | ... | ... | ... |
| American Sociological Theory..... | ... | ... | ... | ... | ... | ... | 806 | 2 | 3 | ... | ... | ... |
| American Sociological Theory..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 807 | 2 | 1 |
| Seminary in Anthropology..... | ... | ... | ... | 820 | 2 | 7 | 820 | 2 | 8 | 820 | 2 | 4 |
| Nationality and Nationalism..... | ... | ... | ... | 827 | 4 | * | ... | ... | ... | ... | ... | ... |
| Seminary in Sociology..... | ... | ... | ... | 860 | 4 | 4 | 860 | 4 | 5 | 860 | 4 | 0 |

THE WORK OF INSTRUCTORS—1938-1939 (Cont'd.)

| COURSE SUBJECT | SUMMER QUARTER | | | AUTUMN QUARTER | | | WINTER QUARTER | | | SPRING QUARTER | | |
|---|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|
| | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections |
| Contemporary Sociological Literature..... | 900 | 1-4 | 2 | 900 | 1-4 | 0 | 900 | 1-4 | 0 | 900 | 1-4 | 2 |
| Research in Sociology..... | 950 | ... | 15 | 950 | ... | 2 | 950 | ... | 4 | 950 | ... | 10 |
| SPEECH | | | | | | | | | | | | |
| Principles & Practice of Effective Speaking I..... | 401 | 5 | 91 | 401 | 5 | 216 | 401 | 5 | 231 | 401 | 5 | 267 |
| Principles & Practice of Effective Speaking II..... | ... | ... | ... | ... | ... | ... | 402 | 5 | 36 | ... | ... | ... |
| Speech, Voice, and Hearing I..... | 410 | 5 | 20 | 410 | 5 | 97 | 410 | 5 | 84 | 410 | 5 | 154 |
| Speech, Voice, and Hearing II..... | ... | ... | ... | ... | ... | ... | 411 | 5 | 53 | ... | ... | ... |
| Standard American Speech: Grammar..... | 420 | 1 | 10 | 420 | 1 | 21 | ... | ... | ... | ... | ... | ... |
| Standard American Speech: Idiomatic Usage..... | 421 | 1 | 9 | ... | ... | ... | 421 | 1 | 30 | ... | ... | ... |
| Standard American Speech: Pronunciation..... | 422 | 1 | 9 | ... | ... | ... | ... | ... | ... | 422 | 1 | 34 |
| Principles and Practice of Oral Reading..... | 459 | 3 | 23 | 459 | 3 | 21 | 459 | 3 | 23 | ... | ... | ... |
| Argumentation..... | ... | ... | ... | 470 | 5 | 16 | 470 | 5 | 12 | 470 | 5 | 38 |
| General Phonetics: Physiological..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 503 | 5 | 45 |
| Persuasion..... | ... | ... | ... | ... | ... | ... | 506 | 3 | 5 | ... | ... | ... |
| Radio Speaking..... | ... | ... | ... | 510 | 3 | 16 | ... | ... | ... | 510 | 3 | 25 |
| Acting I..... | 521 | 3 | 39 | 521 | 3 | 70 | ... | ... | ... | ... | ... | ... |
| The Forms of Public Address..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 601 | 5 | 25 |
| The Lecture..... | ... | ... | ... | 604 | 1 | 2 | ... | ... | ... | ... | ... | ... |
| The Lecture..... | ... | ... | ... | ... | ... | ... | 605 | 1 | 2 | ... | ... | ... |
| The Lecture..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 606 | 1 | 2 |
| Advanced Argumentation..... | 608 | 3 | 7 | ... | ... | ... | ... | ... | ... | 608 | 3 | 3 |
| Advanced Debate..... | ... | ... | ... | 610 | 5 | 5 | 610 | 5 | 3 | ... | ... | ... |
| Advanced Oral Interpretation..... | ... | ... | ... | ... | ... | ... | 614 | 5 | 7 | ... | ... | ... |
| Historical American Phonetics..... | ... | ... | ... | ... | ... | ... | 618 | 3 | 1 | ... | ... | ... |
| General History of Speech and Rhetoric..... | ... | ... | ... | 630 | 3 | 8 | ... | ... | ... | ... | ... | ... |
| History of the Theater..... | ... | ... | ... | 633 | 3 | 14 | ... | ... | ... | ... | ... | ... |
| Dramatic Criticism..... | ... | ... | ... | ... | ... | ... | 635 | 3 | 8 | ... | ... | ... |
| Playwriting..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 637 | 5 | 11 |
| Acting II..... | ... | ... | ... | ... | ... | ... | 638 | 3 | 54 | ... | ... | ... |
| Acting III..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 639 | 3 | 34 |
| Visual Hearing Techniques..... | ... | ... | ... | ... | ... | ... | 656 | 5 | 32 | ... | ... | ... |
| Stagecraft..... | 660 | 5 | 16 | 660 | 5 | 25 | ... | ... | ... | ... | ... | ... |
| Stage Direction..... | 664 | 5 | 19 | 664 | 5 | 20 | ... | ... | ... | ... | ... | ... |
| Play Production..... | ... | ... | ... | ... | ... | ... | 665 | 5 | 13 | ... | ... | ... |
| Play Analysis..... | ... | ... | ... | 667 | 3 | 3 | ... | ... | ... | ... | ... | ... |
| Clinical Practice in Speech Correction..... | 692 | 5 | 7 | 692 | 5 | 14 | ... | ... | ... | ... | ... | ... |
| Speech Disorders Survey..... | 694 | 5 | 14 | ... | ... | ... | 694 | 5 | 11 | ... | ... | ... |
| Minor Problems in Speech..... | 700 | 3-5 | 30 | 700 | 3-5 | 24 | 700 | 3-5 | 22 | 700 | 3-5 | 27 |
| Survey of Experimental Techniques..... | ... | ... | ... | 811 | 5 | 1 | ... | ... | ... | ... | ... | ... |

| | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Speech Pathology | ... | ... | ... | ... | ... | ... | ... | ... | 816 | 5 | 0 |
| Pronunciation Norms | ... | ... | ... | ... | ... | ... | ... | ... | 824 | 5 | 4 |
| Theatrical Art | ... | ... | ... | ... | ... | 844 | 5 | 10 | ... | ... | ... |
| The Little Theatre | ... | ... | ... | ... | ... | ... | ... | ... | 850 | 5 | 6 |
| Studies in Ancient and Modern Rhetoric | ... | ... | ... | ... | ... | 870 | 3 | 3 | ... | ... | ... |
| Studies in the Nature and Structure of Oral Words | ... | ... | ... | 881 | 2 | 4 | ... | ... | ... | ... | ... |
| Studies in the Nature and Structure of Oral Words | ... | ... | ... | ... | ... | ... | 882 | 2 | 3 | ... | ... |
| Studies in the Nature and Structure of Oral Words | ... | ... | ... | ... | ... | ... | ... | ... | 883 | 2 | 3 |
| Research in Speech | 950 | ... | 4 | 950 | ... | 3 | 950 | ... | 1 | 950 | 4 |
| SURGERY AND GYNECOLOGY | | | | | | | | | | | |
| Minor Surgery | ... | ... | ... | ... | ... | ... | ... | ... | 675 | 3 | 70 |
| General Surgery | ... | ... | ... | 700 | 2 | 76 | 701 | 4 | 75 | ... | ... |
| Genito-Urinary Diseases | ... | ... | ... | ... | ... | ... | 703 | 2 | 76 | ... | ... |
| Gynecology | ... | ... | ... | ... | ... | ... | ... | ... | ... | 704 | 2 |
| Orthopedics | ... | ... | ... | ... | ... | ... | ... | ... | ... | 705 | 1 |
| Conference Clinics | ... | ... | ... | 726 | 1 | 77 | 726 | 1 | 79 | 727 | 1 |
| Endocrinology of the Female Organs | ... | ... | ... | 750 | 1 | 18 | ... | ... | ... | ... | ... |
| Surgical Anatomy | ... | ... | ... | 751 | 1 | 18 | ... | ... | ... | ... | ... |
| Orthopedic Surgery | ... | ... | ... | 752 | 1 | 26 | 752 | 1 | 20 | 752 | 1 |
| Traumatic Surgery | ... | ... | ... | 753 | 2 | 17 | 753 | 2 | 20 | 753 | 2 |
| Trauma and Disease | ... | ... | ... | 754 | 1 | 18 | 754 | 1 | 10 | 754 | 1 |
| SURGICAL RESEARCH | | | | | | | | | | | |
| Principles of Surgery | ... | ... | ... | ... | ... | ... | 750 | 1 | 37 | ... | ... |
| Experimental Surgery | ... | ... | ... | ... | ... | ... | ... | ... | ... | 751 | 1 |
| Surgical Clinic | ... | ... | ... | ... | ... | ... | ... | ... | ... | 752 | 1 |
| Minor Problems | ... | ... | ... | 780 | 3-5 | 0 | 780 | 3-5 | 0 | 780 | 3-5 |
| Surgical Research | ... | ... | ... | 950 | ... | 5 | 950 | ... | 2 | 950 | ... |
| SURVEY COURSES | | | | | | | | | | | |
| Survey of Agriculture | ... | ... | ... | ... | 3 | 325 | ... | ... | ... | ... | ... |
| Survey of Arts | ... | ... | ... | 401 | 1 | 887 | ... | ... | ... | ... | ... |
| Survey of Education | ... | ... | ... | 407 | 5 | 236 | 407 | 5 | 55 | ... | ... |
| Survey of Engineering | ... | ... | ... | ... | 3 | 526 | ... | 3 | 504 | ... | 3 |
| Foundations of Contemporary Civilization | ... | ... | ... | 605 | 5 | 54 | 605 | 5 | 62 | 605 | 5 |
| Development of Modern Science | ... | ... | ... | 608 | 5 | 95 | 608 | 5 | 103 | ... | ... |
| VETERINARY MEDICINE | | | | | | | | | | | |
| VETERINARY ANATOMY | | | | | | | | | | | |
| Anatomy of the Horse | ... | ... | ... | 401 | 6 | 71 | ... | ... | ... | ... | ... |
| Anatomy of the Horse | ... | ... | ... | ... | ... | ... | 402 | 6 | 75 | ... | ... |
| Topographic Anatomy of Domestic Animals | ... | ... | ... | ... | ... | ... | ... | ... | ... | 405 | 6 |
| Histology of the Domesticated Animals | ... | ... | ... | 408 | 3 | 71 | ... | ... | ... | ... | ... |
| Histology of the Domesticated Animals | ... | ... | ... | ... | ... | ... | 409 | 3 | 74 | ... | ... |
| Embryology of the Domesticated Animals | ... | ... | ... | ... | ... | ... | ... | ... | ... | 410 | 3 |
| Veterinary Anatomy for Animal Husbandry | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Students | ... | ... | ... | 451 | 5 | 46 | ... | ... | ... | ... | ... |

| COURSE SUBJECT | SUMMER QUARTER | | | AUTUMN QUARTER | | | WINTER QUARTER | | | SPRING QUARTER | | |
|---|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|
| | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections |
| Applied Anatomy of Domestic Animals..... | ... | ... | ... | 501 | 3 | 56 | ... | ... | ... | ... | ... | ... |
| Advanced Veterinary Anatomy..... | ... | ... | ... | 601 | 3-5 | 0 | 601 | 3-5 | 0 | 601 | 3-5 | 0 |
| Histologic Technique..... | ... | ... | ... | 608 | 2-5 | 0 | 608 | 2-5 | 0 | 608 | 2-5 | 0 |
| VETERINARY CLINICS | | | | | | | | | | | | |
| Clinics..... | ... | ... | ... | 550 | 3 | 48 | ... | ... | ... | ... | ... | ... |
| Clinics..... | ... | ... | ... | ... | ... | ... | 551 | 3 | 48 | ... | ... | ... |
| Clinics..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 552 | 3 | 48 |
| Clinics..... | ... | ... | ... | 560 | 3 | 48 | ... | ... | ... | ... | ... | ... |
| Clinics..... | ... | ... | ... | ... | ... | ... | 561 | 3 | 49 | ... | ... | ... |
| Clinics..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 562 | 3 | 48 |
| Special Problems in Clinics..... | ... | ... | ... | 801 | 3-10 | 0 | 802 | 3-10 | 0 | 803 | 3-10 | 0 |
| Advanced Clinical Technique..... | ... | ... | ... | 810 | 3-10 | 0 | 810 | 3-10 | 0 | 810 | 3-10 | 0 |
| VETERINARY MEDICINE | | | | | | | | | | | | |
| Agricultural Veterinary Medicine..... | ... | ... | ... | ... | ... | ... | 452 | 3 | 45 | ... | ... | ... |
| Agricultural Veterinary Medicine..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 453 | 3 | 20 |
| Physical Diagnosis..... | ... | ... | ... | 501 | 1 | 50 | ... | ... | ... | ... | ... | ... |
| Diseases of Small Animals..... | ... | ... | ... | 504 | 5 | 48 | ... | ... | ... | ... | ... | ... |
| Diseases of Small Animals..... | ... | ... | ... | ... | ... | ... | 505 | 3 | 48 | ... | ... | ... |
| Sporadic Diseases of Large Animals..... | ... | ... | ... | ... | ... | ... | 508 | 4 | 48 | ... | ... | ... |
| Sporadic Diseases of Large Animals..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 509 | 4 | 48 |
| Infectious Diseases of Large Animals..... | ... | ... | ... | 515 | 4 | 48 | ... | ... | ... | ... | ... | ... |
| Diseases of Poultry..... | ... | ... | ... | ... | ... | ... | 525 | 3 | 48 | ... | ... | ... |
| Veterinary Medical Jurisprudence..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 585 | 3 | 48 |
| Special Problems in Veterinary Medicine..... | ... | ... | ... | 626 | 2-5 | 0 | 626 | 2-5 | 0 | 626 | 2-5 | 0 |
| VETERINARY PARASITOLOGY | | | | | | | | | | | | |
| Parasitology..... | ... | ... | ... | 401 | 3 | 58 | ... | ... | ... | ... | ... | ... |
| Parasitology..... | ... | ... | ... | ... | ... | ... | 402 | 3 | 60 | ... | ... | ... |
| Advanced Veterinary Parasitology..... | ... | ... | ... | 623 | 2-5 | 2 | 623 | 2-5 | 4 | 623 | 2-5 | 3 |
| Special Parasitology Problems..... | 826 | 5 | 0 | 826 | 5 | 1 | 826 | 5 | 1 | 826 | 5 | 2 |
| VETERINARY PATHOLOGY | | | | | | | | | | | | |
| General Pathology..... | ... | ... | ... | ... | ... | ... | 401 | 5 | 49 | ... | ... | ... |
| Special Pathology..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 405 | 4 | 55 |
| Special Pathology..... | ... | ... | ... | 505 | 4 | 48 | ... | ... | ... | ... | ... | ... |
| Special Pathology of Infectious Diseases..... | ... | ... | ... | ... | ... | ... | 526 | 3 | 55 | ... | ... | ... |
| Meat Inspection..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 527 | 3 | 48 |

THE WORK OF INSTRUCTORS—1938-1939 (Cont'd.)

| COURSE SUBJECT | SUMMER QUARTER | | | AUTUMN QUARTER | | | WINTER QUARTER | | | SPRING QUARTER | | |
|--|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|----------------|--------------|---------------------------------------|
| | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections | Course No. | Credit Hours | Total No. of Students in All Sections |
| Household and Stored Products Insects..... | ... | ... | ... | ... | ... | ... | 562 | 3 | 2 | ... | ... | ... |
| Advanced Genetics | ... | ... | ... | 601 | 3 | 16 | 601 | 3 | 5 | ... | ... | ... |
| Advanced Genetics | 602 | 3 | 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Animal Behavior | 605 | 3 | 7 | ... | not given | ... | ... | not given | ... | ... | not given | ... |
| Animal Behavior | ... | ... | ... | ... | ... | ... | 606 | 3 | 0 | ... | ... | ... |
| Animal Microtechnic..... | ... | ... | ... | 609 | 3-5 | 12 | ... | ... | ... | ... | ... | ... |
| Cellular Biology I..... | ... | ... | ... | ... | ... | ... | 617 | 3-5 | 19 | ... | ... | ... |
| Cellular Biology II..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 618 | 3-5 | 24 |
| Advanced Zoology of Vertebrates..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 620 | 5 | 32 |
| Advanced Zoology of Invertebrates: | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| The Protozoa | ... | ... | ... | 625 | 5 | 28 | ... | ... | ... | ... | ... | ... |
| Advanced Zoology of Invertebrates II..... | ... | ... | ... | ... | ... | ... | 626 | 5 | 16 | ... | ... | ... |
| Advanced Zoology of Invertebrates III..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 627 | 5 | 10 |
| The Interpretation of Biological Data..... | ... | ... | ... | ... | ... | ... | 630 | 5 | 31 | ... | ... | ... |
| Wildlife Conservation | ... | ... | ... | ... | ... | ... | 640 | 5 | 11 | ... | ... | ... |
| Wildlife Conservation Conference..... | ... | ... | ... | 643 | 1 | 7 | 644 | 1 | 8 | 645 | 1 | 5 |
| Entomology for Biology Teachers..... | 650 | 5 | 19 | ... | not given | ... | ... | not given | ... | ... | not given | ... |
| Advanced Entomology | ... | ... | ... | 651 | 5 | 10 | ... | ... | ... | ... | ... | ... |
| Advanced Entomology | ... | ... | ... | ... | ... | ... | 652 | 5 | 11 | ... | ... | ... |
| Insect Control | ... | ... | ... | 653 | 5 | 13 | ... | ... | ... | ... | ... | ... |
| Insect Control | ... | ... | ... | ... | ... | ... | ... | ... | ... | 654 | 5 | 6 |
| Medical and Veterinary Entomology..... | ... | ... | ... | ... | ... | ... | 655 | 5 | ... | ... | ... | ... |
| Insect Pollination | ... | ... | ... | ... | ... | ... | ... | ... | ... | 657 | 3 | 4 |
| Insect Ecology | ... | ... | ... | 658 | 5 | 13 | ... | ... | ... | ... | ... | ... |
| Entomological Literature and Principles of | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Taxonomy | ... | ... | ... | ... | ... | ... | 660 | 5 | 4 | ... | ... | ... |
| Immature Insects | ... | ... | ... | ... | ... | ... | ... | ... | ... | 665 | 3-5 | 9 |
| Special Problems | 701 | 3-5 | 26 | 701 | 3-5 | 33 | 701 | 3-5 | 24 | 701 | 3-5 | 32 |
| Seminary in Entomology..... | ... | ... | ... | 801 | 1 | 16 | 802 | 1 | 9 | 803 | 1 | 5 |
| Invertebrate Zoology | ... | ... | ... | 805 | 5 | 1 | ... | ... | ... | ... | ... | ... |
| Invertebrate Zoology | ... | ... | ... | ... | ... | ... | 806 | 5 | 3 | ... | ... | ... |
| Invertebrate Zoology | ... | ... | ... | ... | ... | ... | ... | ... | ... | 807 | 5 | 0 |
| Comparative Embryology | ... | ... | ... | 808 | 5 | 6 | ... | ... | ... | ... | ... | ... |
| Research Methods: General..... | ... | ... | ... | ... | ... | ... | 810 | 5 | 0 | ... | ... | ... |
| Biological Control of Insect Pests..... | ... | ... | ... | 814 | 5 | 6 | ... | ... | ... | ... | ... | ... |
| Biological Control of Insect Pests..... | 815 | 5 | 4 | ... | ... | ... | 815 | 5 | 10 | ... | ... | ... |
| Research Methods: Living Insects..... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 816 | 5 | 6 |
| Morphology and Development of Insects..... | ... | ... | ... | 817 | 5 | 4 | ... | ... | ... | ... | ... | ... |
| Insect Physiology | ... | ... | ... | ... | ... | ... | 850 | 5 | 15 | ... | ... | ... |
| Research in Zoology and Entomology..... | 950 | ... | 16 | 950 | ... | 30 | 950 | ... | 31 | 950 | ... | 27 |

uded)

[illegible]

| | 1915 | 1916 | 1917 |
|----|------|------|------|
| 4 | 15 | 25 | 32 |
| 2 | 1 | 3 | 11 |
| 32 | 34 | 48 | |
| 62 | 69 | 75 | |
| 3 | 6 | 2 | 5 |
| 9 | 18 | 24 | 17 |
| 9 | 793 | 902 | 945 |

* SHOWING THE WHOLE NUMBER OF DEGREES IN COURSE CONFERRED SINCE THE FOUNDING OF THE UNIVERSITY

[illegible]

APPENDIX IV (Concluded)

[illegible]

*Statistics given prior to 1904 covered only the degrees granted at the Commencement.

[illegible]

*Statistics given prior to 1904 covered only the degrees granted at the Commencement.

Students in
All Sections

24
32
10
5
6
4
3
32
5
0
6
27

| 1918 | 1919 | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 19 | 8 | 29 | 36 | 44 | 27 | 43 | 54 | 52 | 50 | 59 | 71 | 92 | 104 | 159 | 163 | 103 | 79 | 90 | 113 | 113 | 159 |
| 9 | 4 | 7 | 7 | 13 | 19 | 24 | 38 | 31 | 46 | 44 | 67 | 68 | 102 | 93 | 99 | 82 | 103 | 77 | 82 | 88 | 101 |
| 57 | 15 | 28 | 17 | 17 | 51 | 64 | 27 | 18 | 41 | 46 | 60 | 58 | 69 | 55 | 44 | 36 | 59 | 45 | 56 | 35 | 58 |
| 35 | 24 | 23 | 40 | 36 | 40 | 46 | 89 | 76 | 65 | 78 | 79 | 60 | 78 | 75 | 86 | 89 | 83 | 92 | 94 | 92 | 81 |
| 2 | ... | 2 | ... | 2 | 1 | 1 | 7 | 6 | 6 | 4 | 4 | 6 | 4 | 4 | 3 | 2 | 3 | 3 | 2 | 4 | 3 |
| 11 | ... | 15 | 16 | 44 | 37 | 51 | 80 | 65 | 73 | 64 | 71 | 46 | 55 | 72 | 67 | 49 | 50 | 52 | 70 | 56 | 66 |
| 560 | 470 | 801 | 970 | 1054 | 1255 | 1382 | 1615 | 1611 | 1590 | 1755 | 1920 | 2050 | 2308 | 2487 | 2427 | 2155 | 2134 | 2135 | 2310 | 2638 | 2923 |
| 66 | 67 | 76 | 100 | 98 | 176 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 626 | 537 | 877 | 1070 | 1152 | 1431 | 1382 | 1615 | 1611 | 1590 | 1755 | 1920 | 2050 | 2308 | 2487 | 2427 | 2155 | 2134 | 2135 | 2310 | 2638 | 2923 |

APPENDIX V

DEGREES AND CERTIFICATES GRANTED DURING YEAR 1938-1939

SEPTEMBER CONVOCATION

GRADUATE SCHOOL

DEAN: GEORGE FREDERICK ARPS

DOCTOR OF PHILOSOPHY

| | |
|---|-------------------------|
| Archibald Watson Anderson, Jr., B.S., A.M. (Columbus University) | Bangor, Pa. |
| George Washington Auxier, A.B., M.A. (Miami University) | Columbus |
| Charles Alden Barrell, B.A. (Hampden-Sydney College); M.A. (University of Virginia) | Buckingham, Va. |
| John Carl Beltz, A.B. (Marietta College); M.Sc. | Columbus |
| Richard Ensign Brooks, A.B. (Colorado College); M.Sc. | Colorado Springs, Colo. |
| Orin Everett Burley, B.S. in Com. (Oklahoma Agricultural and Mechanical College); M.A. | Columbus |
| Floyd Barton Chapman, B.A., M.A. | Columbus |
| LaVerne Emerson Cheyney, B.S. (University of Akron); M.S. (University of Pennsylvania) | Akron |
| Joe D. Clary, B.S., M.S. (Emory University) | Columbus |
| Ralph Waldo Cummings, B.S. in Agr. (North Carolina State College of Agriculture and Engineering) | Reidsville, N. C. |
| William Thomas Edwards, A.B.E., M.A.E. (University of Florida) | Gainesville, Fla. |
| George Frederick Eckstrom, B.S. in Agr. (Purdue University); M.S. (Iowa State College) | Columbus |
| Oliver Nelson Fellowes, Jr., B.S. (Mount Union College) M.Sc. | Alliance |
| James Donald Gibson, B.A., B.S. (Wheaton College) | Wheeling, W. Va. |
| Paul Ridgeway Grim, B.Sc. in Edu., M.A. | Leesburg |
| Preston Clarence Hammer, A.B. (Kalamazoo College); A.M. (University of Michigan) | Rockford, Mich. |
| William Stanley Herbert, B.S., M.S. (University of Saskatchewan) | Birch Hills, Sask. |
| Lyle Kermit Herndon, B.Ch.E., M.Sc.; Ch.E. (West Virginia University) | Columbus |
| James Arthur Herriek, B.Sc. in Edu., M.Sc. | Twinsburg |
| William Wilson Hess, B.S. (Ashland College) | Polk |
| Ralph Alexander Irwin, B.S., M.S. (Kansas State College of Agriculture and Applied Science) | Reno, Nev. |
| George Leslie Matuschka, B.S. in Edu. (Kansas State Teachers College); A.M. (University of Chicago) | Columbus |
| Paul Dever Miller, A.B. (Manchester College); M.A. | Canton |
| Verle Archie Miller, B.S. (Otterbein College) | Columbus |
| Mary Roseamonde Porter, B.Sc. in Edu., M.A. | Nashport |
| Edwin Oliver Price, B.A. (University of Colorado); M.Sc. | Longmont, Colo. |
| Don Davenport Prosser, Ph.B. (University of Chicago); M.A. | Hamilton |
| Harvey Mitchell Rice, A.B. (Concord State Teachers College); M.A. (West Virginia University) | Princeton, W. Va. |
| Harry William Rudel, B.S. in Chem. (Johns Hopkins University); M.S. (University of Maryland) | Columbus |
| Aaron John Sharp, B.A. (Ohio Wesleyan University); M.S. (University of Oklahoma) | East Liberty |
| James Wilson Sherburne, A.B. (Greenville College); A.M. (University of Michigan) | Columbus |
| Glenn Wallace Sutton, B.S. in Com. & Fin., A.M. in Econ. (Indiana University) | Seymour, Ind. |
| Walter Lynn Wall, B.A., M.A. | Columbus |
| James Martis Whitsett, B.A. (University of Texas); M.A. | Columbus |
| Kathryn Matilda Wolfe, B.A., M.A. (University of Kansas) | Columbus |

(Thirty-five candidates)

MASTER OF ARTS

| | |
|--|-------------------|
| Erwin Thoburn Acord, B.A. (Ohio Wesleyan University) ; B.D. (Garrett Biblical Institute) | Lewis Center |
| Charles William Allensworth, B.S. in E.E., B.S. in Edu. (Ohio Northern University) | Amsterdam |
| Robert Asbury Aughinbaugh, B.A., B.Sc. in Edu. | Columbus |
| Mary Agnes Ault, B.A. (Ohio Wesleyan University) | Piketon |
| Ivan Reiner Barnhart, B.Sc. in Edu. | Canal Winchester |
| Willis J. Baughman, B.S. in Edu. (Wittenberg College) | Springfield |
| Eleanor Heintz Beaumont, B.E. in Art (University of Akron) | Akron |
| Glenn Rundle Beaumont, A.B. (Baldwin-Wallace College) | Spencer |
| Elizabeth Louise Beckman, B.A. (Carleton College) | St. Paul, Minn. |
| Grace Rea Beckwith, B.Sc. in H.E. | Malta |
| Martha Alice Bedsworth, A.B. (University of Pittsburgh) | Wilkinsburg, Pa. |
| Dorothy Hills Beesley, B.A. (Texas College of Arts and Industries) | Delaware |
| Kendrick Harding Bell, B.Edu. (Wisconsin State Teachers College) | Columbus |
| Loren Ellsworth Bibler, B.Sc. in Edu. | Findlay |
| Myron Bishop, B.S. in Edu. (Miami University) | Camden |
| Philip Beach Blakesly, B.Sc. in Edu. | Columbus |
| Wendell Wright Blauser, A.B. (Otterbein College) | Basil |
| Wilber Floyd Bolen, B.Sc. in Edu. | Lilly Chapel |
| Leonard Frank Bollinger, B.S. in Edu. (University of North Dakota) | Sycamore, Ill. |
| Harry Roosevelt Bowman, B.S. in Edu. (Ohio University) | Mt. Vernon |
| Eugene Charles Branstetter, B.S. in Edu. (Ohio Northern University) | Buckland |
| Marie Suzanne Bricher, B.A. (Ohio Wesleyan University) | Kirby |
| Ralph Riddle Brown, B.Sc. in Edu. | Duncan Falls |
| Scott Myles Brown, B.S. (Wilberforce University) ; B.Sc. in Edu. (West Virginia State College) | Cincinnati |
| Thomas Dickson Brown, Jr., B.S. (Geneva College) | Dayton |
| Frederic Oliver Bundy, B.S. in Edu., A.B. (Kent State University) | Kent |
| Dewayne Herman Burke, B.S. in Edu. (Bowling Green State College) | Deshler |
| Milton Rogers Byerly, B.Sc. in Edu. | West Jefferson |
| John Frederick Caldwell, A.B. (Ohio University) | Waverly |
| Ida Elizabeth Carlson, A.B. (Hiram College) | Lakewood |
| Harold Glenn Carmany, A.B. (Findlay College) | Baltimore |
| Byron Harrison Carmean, A.B. (Ohio University) | Lexington |
| Irvin Francis Carney, B.E. (Northern Illinois State Teachers College) | Columbus |
| Lawrence Boyd Chambers, B.S. (Harvard University) ; B.Sc. in Edu. | Cleveland |
| Henrietta Cherrington, B.S. in Edu. (University of Michigan) | Gallipolis |
| Rufus Thayer Church, B.S. (The College of Wooster) ; B.S. in Edu. (Kent State College) | Warren |
| Charles Robert Clapper, A.B. (Findlay College) | Findlay |
| Elizabeth Dale Clark, B.A. | Columbus |
| Helen Marie Clark, B.Sc. in Edu. | Massillon |
| Doris Elaine Clickenger, B.Sc. in Edu. | Columbus |
| Brenda Marcella Conn, B.A. (Muskingum College) | Zanesville |
| Raymond Donald Conn, B.S. in Edu. (Miami University) | Camden |
| Grace Mildred Conzett, B.S. in Edu. (Kent State University) | Warren |
| Harold Henry Cook, B.A. (Ohio Wesleyan University) | New Madison |
| Herbert Lee Coon, A.B. (Bluffton College) | Columbus |
| Frances Elizabeth Corkwell, A.B. (The College of Wooster) | Mt. Sterling |
| Raymond Boyd Craig, B.Sc. in Edu. | New Holland |
| Richard Ellsworth Craiglow, B.A. | Columbus |
| Leslie Cribley, A.B. (Ohio Northern University) | Ada |
| Richard Ronald Crow, B.S. in Edu. (State Teachers College, Pennsylvania) | Point Marion, Pa. |
| John Horace Curry, B.A. | East Palestine |
| Raymond Lawrence Curtis, A.B. (Ohio University) | Summerfield |
| N. C. Davis, A.B. (Miami University) | Columbus |
| Olive Elmira Davis, B.A. (Geneva College) | Akron |
| Samuel Benton Davis, Jr., A.B. in Edu. (Fairmont State Teachers College) | Shinnston, W. Va. |
| Herbert Winfred Deem, B.E.E., B.Sc. in Edu. | Columbus |
| Lucille Craighead De Loache, B.Sc. in Edu. | Columbus |
| Francis Harvey Deter, B.A. | Girard |
| Wendell Oswalt DeVore, A.B. (Defiance College) | Sherwood |
| Hilda Elizabeth Dierker, B.Sc. in Edu. | Columbus |

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| John Ellis Durrett, A.B. (Western Kentucky State Teachers College) | Bettsville |
| Helen Grey Edmonds, A.B. (Morgan College) | Lawrenceville, Va. |
| Florence Karn Ellinger, A.B. (Capital University) | Columbus |
| Harley Andrew Ellinger, B.S. (Capital University) | Logan |
| Kathryn Enlow, B.S. in Edu. (Ohio University) | Athens |
| Albert James Esgain, B.Sc. in Edu. | Maumee |
| Henry Oscar Evjen, A.B. (Wittenberg College) | Peebles |
| Clyde Houston Farnsworth, B.S. (East Tennessee State Teachers College) ; A.B. (Union University) | Jackson, Tenn. |
| Ross C. Faught, B.Sc. in E.E. (Tri-State College) | Perry |
| George Porter Felger, B.Sc. in Edu. | Van Wert |
| Harriet Madge Fenneman, A.B. (University of Akron) | Akron |
| Edwin August Fensch, A.B. (Ashland College) | Mansfield |
| Ivan Frank Ferneau, B.A. | Springfield |
| Homer Dolph Ferris, A.B. (Ohio Northern University) | Middle Point |
| Erwin George Fiegler, A.B. (Wilmington College) | Reesville |
| Eddie Leo Finnigan, B.A. (Western Reserve University) | Cleveland |
| Alexander Davis Gaither, A.B. (Knoxville College) | Columbus |
| John Manuel Gandy, Jr., A.B. (Virginia State College for Negroes) | Etnnick, Va. |
| Roma Marian Gaskill, B.A. | Columbus |
| Ralph Howard Geer, A.B. (Defiance College) | Wauseon |
| Carolyn May Glover, B.Sc. in Edu. | Columbus |
| Stewart Maxwell Gottschalk, B.S. in Edu. (Bowling Green State College) | Pemberville |
| Gretchen Henrietta Graf, B.A. | Tiffin |
| Helen Louise Gressel, B.A. (St. Mary of the Springs College) | Columbus |
| Elsie Grove, B.Sc. in H.E. | Lancaster |
| Marvin E. Habel, B.Sc. in Edu. | Delta |
| Lois Virginia Albright Hale, B.Sc. in H.E. | Columbus |
| Julia Elizabeth Hamlin, B.Fine Arts. | Columbus |
| Pielgord Hansen, A.B. in Edu. (Rio Grande College) | Camp Chase |
| Gordon Kenneth Harris, B.Sc. in Edu. | Middleport |
| Edna Gene Harrison, B.A. (Ohio Wesleyan University) | Adena |
| Le Grand Herman Headington, B.A. | West Mansfield |
| Odin Ezekiel Hearing, B.Sc. in Agr. | Portersville |
| Virgil Leroy Heskett, B.Sc. in Edu. | Stoutsville |
| John Lewis Hess, B.A. | Newark |
| Lelah Christena Hess, B.Sc. in Edu. | North Lawrence |
| Joseph Carter Heston, B.A. (Muskingum College) | West Jefferson |
| Lucy Carmen Hetzel, A.B. (Heidelberg College) | Upper Sandusky |
| Ralph Douglas Hilty, A.B. (Bluffton College) | Pandora |
| Mary Eck Holland, B.Fine Arts. | Columbus |
| John Louis Holmes, B.Sc. in Edu. | Lima |
| Roy Edward Holmes, A.B. (Wilmington College) | Stockdale |
| Francis Jorgan Holyoak, B.S. (Brigham Young University) | Columbus |
| Lewis Henry Horton, A.B. (Oberlin College) | Morehead, Ky. |
| Oliver Christian Hotz, A.B. (Heidelberg College) | Newport, Ky. |
| Arthur Layton Huff, A.B. (Denison University) | Bethesda |
| Nell Ann Humphrey, B.A. | Columbus |
| Sara Helen Huntington, A.B. (Coe College) | Cedar Rapids, Ia. |
| Earl Dickinson Irick, B.Sc. in Edu. | Lancaster |
| John Byers Jackson, B.S. (The College of Wooster) | Irwin |
| Grace Geneva Jacobs, B.Sc. in Edu. | Columbus |
| Dean Stewart Jacoby, B.Sc. in Edu. | Columbus |
| Cletis Frederick Johnson, B.Sc. in Edu. | Grove City |
| Margaret Ann Johnson, B.A. | Columbus |
| Arthur Willard Jones, B.Sc. in Agr. | West Unity |
| Christina Carolyn Jones, B.Sc. in Edu. | Columbus |
| Homer George Jones, A.B. (Ohio Northern University) | Vaughnsville |
| Olwen Elizabeth Jones, B.Sc. in Edu. | Columbus |
| Webster Sourber Jones, B.A. (Lehigh University) | South Fork, Pa. |
| Robert M. Keck, B.S. (University of Toledo) | Maumee |
| Howard Wagner Keister, B.S. (The College of Wooster) | Wooster |
| Hannah Lucille Kerlin, B.A. | Toledo |

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| Samuel Joseph Keusch, A.B. (Wittenberg College)..... | Springfield |
| Clair Daniel Kirchhofer, A.B. (Bluffton College)..... | Dalton |
| Theodore Warren Knight, B.S. in Edu. (Bowling Green State College)..... | Portage |
| Mary Alice Kost, B.A., B.Sc. in Edu..... | Columbus |
| Mahlon Oren Krabill, A.B. (Goshen College)..... | Louisville |
| Mary Margaret Lacey, B.A..... | Columbus |
| Paul Ford Laning, A.B. (Cornell University)..... | Sandusky |
| Herbert Arnold Lee, A.B. (Rio Grande College)..... | Gallia |
| Franklin Van Nover Lehn, A.B. (Mount Union College)..... | Sebring |
| Gaston Frederick Lewis, B.S. in Edu. (Wilberforce University)..... | Xenia |
| Vernon Gordon Lewis, B.Sc. in Edu..... | Hamilton |
| George William Liverpool, A.B. (Virginia Union University)..... | Columbus |
| Harold Richards Livingston, A.B. (Hope College)..... | New York, N. Y. |
| Muriel Pauletta Long, A.B. (Wittenberg College)..... | Newark |
| William Carl Long, B.A..... | Worthington |
| Mary Catherine Maloney, B.Sc. in Edu..... | Leonardsburg |
| Ivan Charles Mann, A.B. (Bethany College)..... | Massillon |
| Joseph Harrison Mardis, B.Sc. in Edu..... | East Liverpool |
| Frances Emma Marshall, B.A. (Muskingum College)..... | Xenia |
| Charles Dwight McDonald, B.A. (Muskingum College)..... | New Concord |
| Sarah Jeannette McGraw, B.A. (The College of Wooster)..... | Bellaire |
| Harry Robert McKissick, B.A. (The College of Wooster)..... | Coshocton |
| James Bryant McQuown, B.S. (Bethany College)..... | East Liverpool |
| Doris Emeline Merthe, B.A. (The College of Wooster)..... | Amherst |
| Helen Ferdilla Mettler, B.Sc. in H.E..... | Laurelville |
| Jane Carree Millar, B.S. in Edu. (Ohio University)..... | Lucasville |
| Howard George Miller, B.S. in Edu. (State Teachers College, New York)..... | Buffalo, N. Y. |
| William Harvey Miller, B.S. in E.E. (Ohio University) ; B.Sc. in Edu..... | Uhrichsville |
| DeWitt Talmadge Mills, A.B. (Otterbein College)..... | Columbus |
| Richard Luther Moenter, B.S. (Capital University)..... | Pemberville |
| Paul Eugene Monett, B.Sc. in Edu..... | Columbus |
| Urban Lowell Monical, B.Edu. (Eastern Illinois State Teachers College)..... | Charleston, Ill. |
| Robert H. Moore, A.B. (Marietta College)..... | McConnelsville |
| Nellie Abigail Morris, B.Sc. in Edu..... | Columbus |
| William David Murdock, B.A. (Ohio Wesleyan University)..... | Adena |
| Dwight Landes Musselman, A.B. (Bluffton College)..... | Rising Sun |
| Robert Lewis Nash, B.A. (Muskingum College)..... | Coshocton |
| Allen Clifford Neiswander, A.B. (Bluffton College)..... | Pandora |
| Alma Marie Obenland, B.Sc. in Edu..... | Columbus |
| Edward E. Packer, B.S. (The University of Toledo)..... | Toledo |
| Allen Donald Page, A.B. (Ripon College)..... | Ripon, Wis. |
| Henry Howard Palmer, A.B. (Wilmington College)..... | Seaman |
| Charles Merrill Patrick, A.B. (Otterbein College)..... | Canal Winchester |
| Arthur Parker Peebles, B.S. in Edu. (Kent State College)..... | Cuyahoga Falls |
| Doyt Leatherman Perry, B.S. in Edu. (Bowling Green State College)..... | Columbus |
| John Zeb Perry, B.S. in Edu. (Southeast Missouri State Teachers College)..... | Nevada, Mo. |
| Charles Ross Pfouts, B.S. (Mount Union College)..... | Louisville |
| Margaret Gillespie Phillips, A.B. (Randolph-Macon Women's College)..... | Huntington, W. Va. |
| Elijah Roy Pickering, B.Sc. in Edu..... | St. Clairsville |
| Dallas Elwood Porter, B.A. (Huntington College)..... | Woodville |
| Mary Alice Price, B.A..... | Buena Vista, Va. |
| Mary Agnes Pusateri, B.A., B.Sc. in Edu..... | Portsmouth |
| Ruth Frances Pushin, A.B. (University of Cincinnati)..... | Cincinnati |
| Arneita Fern Rains, B.Sc. in Edu..... | Columbus |
| Horace Rains, B.S. (Wilberforce University)..... | Columbus |
| Cecil Hobert Ratcliff, B.S. in Edu. (Wilmington College)..... | South Salem |
| Joseph Russell Reaver, Jr., A.B. (Miami University)..... | Woodville |
| George Elbert Redman, B.S. in Edu. (Ohio University)..... | Dresden |
| Everett William Reiter, A.B. (Marietta College)..... | Dayton |
| Homert Franklin Richmond, B.S. in Edu. (Northwest Missouri State Teachers College)..... | Hubbard |
| Morton Edward Riegel, B.S. in Edu. (Ohio University)..... | Stockdale |
| Charles Walter Riggs, B.A. (Muskingum College)..... | Columbus |
| Howard Rufus Rinehart, A.B. (Asbury College)..... | Chillicothe |

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| Ralph Clark Rogers, B.S. in Edu. (Kent State College) | Lorain |
| Eugene Raymond Ross, B.A. (Ohio Wesleyan University) | Delaware |
| Maurice Edwin Rowley, B.Sc. in Edu. | Martins Ferry |
| Homer Levi Royer, A.B. (Manchester College) | Pittsburg |
| Evelyn Carolyn Runkle, B.Sc. in Edu. | Kinsman |
| Mary Elizabeth Saenger, B.Sc. in Edu. | South Vienna |
| Sarah Isabel Sampson, B.Sc. in Edu. | Columbus |
| Fred Samuel Schiff, B.S. (Columbia University) | Brooklyn, N. Y. |
| Sarah Stasel Schiffeler, A.B., B.Music (Denison University) | Newark |
| Lawrence Emmitt Schmidt, B.S. in Edu. (Muskingum College) | Reinersville |
| John Edwin Scott, B.Sc. in Edu. | Columbus |
| Lucius Lee Shackson, B.Sc. in Edu. | Chagrin Falls |
| Marshall Augustus Shepard, A.B. (Defiance College) | Kingston |
| Donald Wayne Shepherd, A.B. (Ohio University) | Morristown |
| Helen Katherine Sherer, B.A. (Ohio Wesleyan University) | Bucyrus |
| Robert Marcellus Short, B.S. (Otterbein College) | Westerville |
| John Franklin Shuster, B.S. in Edu. (Miami University) | Columbus |
| Harry Allen Simmermacher, A.B. (Otterbein College) | Willard |
| Ralph William Skeels, B.Sc. in Soc. Adm. | Columbus |
| Elizabeth Sara Smith, B.Sc. in Edu. | Des Moines, Ia. |
| William Andrew Smith, B.S. (Baldwin-Wallace College) | Lorain |
| Willis Clark Smith, A.B. (Marion College) | Gnadenhutten |
| Samuel Kenneth Sollars, B.A. (Ohio Wesleyan University) | Washington C. H. |
| Ted Bernard Southerland, B.Sc. in Edu. | Columbus |
| Charles Paul Sparks, B.Sc. in Edu. | West Jefferson |
| Barsha Work Sprague, B.Sc. in Edu. | Columbus |
| Leland Nugent Sprecher, A.B. (Otterbein College) | Westerville |
| Gerald Blough Stahly, A.B. (Bluffton College) | Crestline |
| Alice Virginia Starkey, A.B. (Denison University) | Ravenswood, W. Va. |
| William Sickman Stinson, B.Sc. in Edu. | Bowdill |
| Raymond Bailey St. John, B.A. (Ohio Wesleyan University) | Ashtabula |
| Lucille Eleanore Stoll, B.Sc. in Edu. | Cleveland |
| Everett Dowling Stonebraker, B.S. in Edu. (Ohio University) | Bethesda |
| Edward William Stubbs, B.A. (Ohio Wesleyan University) | Marion |
| Edward Charles Susat, B.S. (Buffalo State Teachers College) | Batavia, N. Y. |
| Walter Evender Sutton, A.B. (Heidelberg College) | Tiffin |
| Cloyce Roland Swank, A.B. (Bluffton College) | Bluffton |
| Harry Humphrey Taft, B.S. (Mount Union College) | Warren |
| Calloway Taulbee, B.S. (Eastern Kentucky State Teachers College) | McArthur |
| George William Taylor, B.Sc. in Edu. | Mansfield |
| Irene Rebecca Terrill, B.Sc. in H.E. | Ridgeway |
| Ralston Carlton Thompson, A.B. (Wittenberg College) | Springfield |
| Beatrice Toharsky, A.B. (University of Akron) | Akron |
| Dorothy Ruth Tressel, B.Sc. in Edu. | Fremont |
| Helen Catherine Vane, B.S. in Edu. (Ohio University) | Winchester |
| Charles Cecil Vaughn, A.B. (Bethany College) | Wooster |
| Ross Arthur Wagner, A.B. (Wittenberg College) | Sandyville |
| Richard William Wallen, A.B. (Findlay College) | Findlay |
| Clyde Russell Warden, B.A. (Muskingum College) | Cambridge |
| Ralph Howard Waterhouse, B.Sc. in Edu. | Akron |
| Charles Manville Watson, B.Sc. in Edu. | Orwell |
| Everett Beecher Webb, B.S. in Edu. (Ohio University) | Hamden |
| Earl John Weikel, B.S. in Edu. (Kent State College) | Wooster |
| Joseph J. Weltmer, B.S. in Edu. (Ashland College) | Shreve |
| Mary Helen Welton, B.A. (Ohio Wesleyan University) | Lancaster |
| Clarence Porter Welty, B.S. (Otterbein College) | Lancaster |
| Harold Calvert Wetherby, B.A. (Macalester College) | Continental |
| Evelyn Marie Wilcox, B.Sc. in Edu. | Ada |
| Jane Boyd Wiley, B.A. (Muskingum College) | Cambridge |
| William Norris Wiley, A.B. (Denison University) | Cambridge |
| Lawrence Arthur Wilkens, B.Sc. in Edu. | Norwood |
| Henry D. Williams, B.S. (Otterbein College) | Amsterdam |
| David William Wilson, B.S. in Edu. (Bowling Green State College) | North Baltimore |

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| William Howard Wilson, B.S. in Edu. (Ohio University)..... | Newark |
| Mary Frances Winchester, B.Sc. in Edu..... | Columbus |
| Harold Poe Wisman, B.A. (Ohio Wesleyan University)..... | Scio |
| George William Woerlein, Jr., B.Sc. in Agr..... | Groveport |
| Margaret Agatha Woodburn, B.A. (Muskingum College)..... | Fleming |
| Zehner W. Wulber, B.S. (Central Normal College, Indiana)..... | Columbus |
| Theodore Charles Yaecker, B.Edu. (University of Toledo)..... | Toledo |
| Joseph Yonovitz, B.S. in Edu. (Miami University)..... | Lorain |
| Charles Watson Young, B.A. (Ohio Wesleyan University)..... | Waterville |
| Wilbur George Young, B.S. (The College of Wooster)..... | Nashville |
| Charles Eugene Zartman, A.B. (Heidelberg College)..... | Thornville |

(Two hundred and fifty-nine candidates)

MASTER OF ARTS IN SOCIAL ADMINISTRATION

| | |
|--|------------------|
| Waterman Baldwin, B.S. (Hamilton College)..... | Worcester, Mass. |
| Norton Benton, A.B. (Capital University)..... | Columbus |
| Ben David Danchik, B.Sc. in Edu..... | Cleveland |
| Norman Bernard Finch, A.B., B.S. in Edu. (Capital University)..... | Fremont |
| Whitney Henderson Herr, A.B. (Oberlin College)..... | Youngstown |
| Theodore Roosevelt Meyer, B.Sc. in Bus.Adm..... | Cleveland |
| Charles Perelman, A.B. (University of Southern California)..... | Cleveland |
| William Earl Prosser, A.B. (Earlham College)..... | Norwood |
| J. Clifford Rinehart, A.B. (Manchester College)..... | Trotwood |
| Edward William Schneider, A.B. (Kent State University)..... | Kent |
| Robert William Schunke, B.Sc. in Soc.Adm..... | West Alexandria |
| Morris Shapiro, A.B. (Harvard University)..... | Cambridge, Mass. |
| Eleanor Jane Shawaker, B.Sc. in Soc.Adm..... | Columbus |
| Helen Jaeger Speiser, Ph.B. (University of Toledo)..... | Cleveland |
| John Russell Stockham, A.B. (Ohio University)..... | Columbus |
| William Penfield Walton, B.A. (Ohio Wesleyan University)..... | Canastota, N. Y. |

(Sixteen candidates)

MASTER OF BUSINESS ADMINISTRATION

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|---|--------------------|
| Dillard Eugene Bird, A.B. (University of Cincinnati)..... | Columbus |
| Hans Peter Carstensen, B.A., B.Sc. in Bus.Adm..... | Curtice |
| Carolyn Clyde Fore, A.B. (Marshall College)..... | Huntington, W. Va. |
| Edward Emmett Garrison, B.S. in Edu. (Kent State University)..... | Kent |
| Helen May Miller, B.A..... | Alliance |
| Marjorie Dee Poston, B.Sc. in Bus.Adm..... | Columbus |
| Ross Myron Trump, B.Sc. in Bus.Adm..... | Arcanum |
| James Douglas Willson, B.Sc. in Bus.Adm..... | Vermillion |

(Eight candidates)

MASTER OF SCIENCE

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| Edwin Brown Adams, B.S. (Agr.) (University of Wisconsin)..... | Madison, Wis. |
| Ralph Emerson Bailey, B.Edu. (Southern Illinois State Normal University) ; B.S. in E.E. (University of Illinois)..... | Carbondale, Ill. |
| Richard Heinley Baker, B.Sc. in Agr..... | Columbus |
| Roderick Dudley Barden, B.Sc. in Agr..... | Shreve |
| William Callum Bell, B.S. in Cer.E. (North Carolina State College of Agriculture and Engineering)..... | Greensboro, N. C. |
| William Edwards Bills, D.V.M..... | Columbus |
| Bernard Jerome Brief, B.A..... | Columbus |
| Leora Nelson Campbell, B.S. in Edu. (Miami University)..... | Ripley |
| Robert Crouthers Clark, B.Sc. in Agr..... | Fredericktown |
| Harold Lowden Collins, B.S. (Michigan State College)..... | Ypsilanti, Mich. |
| Robert John Cyrog, B.V.Sc. (University of Toronto)..... | Milwaukee, Wis. |
| Daniel Webster Duncan, B.S. (Alabama Polytechnic Institute)..... | Russellville, Ala. |
| Eugene Kely Falls, M.E. (University of Akron)..... | Cleveland |
| James Howard Fetto, B.Sc. in Agr..... | Hillsboro |

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| Sanford Wayne Foor, B.S. (Capital University) | Columbus |
| Ebert Murphy Giberson, B.S. in Agr. (State College of Washington) | Montesano, Wash. |
| Clyde Edgar Gleim, B.S. (Ohio University) | Wheelersburg |
| Clarence Francis Goodheart, B.S. (California Institute of Technology) | Roscoe, Calif. |
| Harvey Howard Grice, B.Ch.E. | Columbus |
| Elton Brandon Gunyou, B.Ch.E. | DeGraff |
| Louis Corydon Haddox, B.Sc. in Physics | Columbus |
| Howard Fenimore Haines, B.Sc. in Bus. Adm.; B.Sc. in App. Optics | Columbus |
| Ray Emmerson Heiks, A.B. (Bluffton College) | Smithville |
| John Evans Hocutt, B.S. (The College of William and Mary) | Williamsburg, Va. |
| Daniel Loney Leedy, A.B., B.S. in Edu. (Miami University) | Butler |
| Paul Hamilton Lenz, B.S. (Ashland College) | Nova |
| Nelson Marshall, B.S. (Rollins College) | Yonkers, N. Y. |
| Helen Mandilla Mason, A.B. (Denison University) | Newark |
| Francis Willard McCoy, B.A. | Barberton |
| Lewis H. Moe, D.V.M. | Watford City, N. D. |
| Dwight Jacob Myers, B.S. in Edu. (Kent State College) | Strasburg |
| Florence Jean Neuman, B.Sc. in H.E. | Lima |
| Herman Frederick Openlander, B.S. in Agr. (Michigan State College) | Grand Ledge, Mich. |
| William Vincent Organic, B.E.E. | Youngstown |
| Arthur Thomas Owen, B.E.E. | Woodstock |
| Calvin Eugene Park, B.S. in Edu. (Bowling Green State College) | Arlington |
| Donald Edwin Powell, A.B. (Findlay College) | Findlay |
| Harold Wright Quigley, B.Ch.E. | Sidney |
| Maynard Stanley Raasch, B.S. in Ch.E. (South Dakota State School of Mines) | Watertown, S. D. |
| Jose Ramirez, M.E. (Syracuse University); M.S. (Louisiana State University) | Aquadilla, P. R. |
| Ernest John Rauschenberger, B.S. (Agr.) (University of Illinois) | Wheaton, Ill. |
| Henry Edson Roberts, B.S. (University of New Hampshire) | South Royalton, Vt. |
| William Cassel Shank, B.Ch.E. | Columbus |
| Mary Frances Sharp, B.A. (Ohio Wesleyan University) | Nelsonville |
| Frank Russell Short, B.A. (Muskum College) | New Lexington |
| Robert Franklin Snider, B.Ch.E. | Basil |
| Charles Elliott Spencer, A.B. (Cedarville College) | Springfield |
| Ella Lou Stamm, A.B. (Hiram College) | Mantua |
| Kenneth Louis Stehle, B.M.E. | Columbus |
| James Albert Strasburg, B.S. in Edu. (Kent State College) | Wapakoneta |
| John Edward Teagarden, B.S. (Waynesburg College) | Carmichaels, Pa. |
| James Trimble Walker, B.A. | Mt. Vernon |
| Orval Joseph Walley, B.A. | Columbus |
| Jo Barneut Welch, B.A. (Ohio Wesleyan University) | Nelsonville |
| Alvin Clair Wolfe, B.A. | Norwalk |
| John Berns Ziegler, B.A. | Canton |

(Fifty-six candidates)

CANDIDATES FOR TWO DEGREES AND CERTIFICATES

| | |
|----------------------------------|-------------------|
| Fred Stewart Allard | Portsmouth |
| Doctor of Dental Surgery | |
| Bachelor of Arts | |
| Betty Helene Irwin | Cleveland Heights |
| Bachelor of Science in Education | |
| Certificate of Graduate Nurse | |
| Madge Alma Pierpont | Columbus |
| Bachelor of Science in Education | |
| Certificate of Graduate Nurse | |

(Three candidates)

COLLEGE OF AGRICULTURE

DEAN: JOHN F. CUNNINGHAM

BACHELOR OF SCIENCE
IN AGRICULTURE

| | |
|-----------------------------|------------------|
| David Allwyn Davis..... | Columbus |
| Walter Lovell Green..... | Madison |
| Lois Margaret Hopkins..... | East Cleveland |
| Agnes Stiers Hufford..... | Columbus |
| Arthur Horace Hummell..... | New Philadelphia |
| Hubert Charles Mohr..... | Warren |
| Myrtle Belle Patterson..... | Columbiana |
| John Alfred Shank..... | Rawson |
| Ira Thomas Swartwood..... | Lakewood |

(Nine candidates)

BACHELOR OF SCIENCE
IN HOME ECONOMICS

| | |
|--------------------------------|------------------|
| Ruth Hermine Barrett..... | Cleveland |
| Lois Magdalene Burman..... | Toledo |
| Rita Margaret Burns..... | Columbus |
| Dorothy Marie Fuller..... | Columbia Station |
| Eunice Mae Grant..... | Defiance |
| Dorothy Lorraine Herbaugh..... | Endicott, N. Y. |
| Phoebe Jane Huff..... | Leesburg |
| Lois Belle Keller..... | Bloomville |
| Marian Frances Lewis..... | Columbus |
| Frances Eleanor McCreary..... | Camden |
| Davida Carol Naftalin..... | Toledo |
| Nell Louise Radabaugh..... | Cincinnati |
| Bernice Reid..... | Mechanicstown |
| Ellen Caroline Rudolph..... | Findlay |
| Marjorie Ruth Shupe..... | Laurelville |
| Mabel Helen Souder..... | Black Lick |
| Lucille Weaver..... | Bellefontaine |

(Seventeen candidates)

COLLEGE OF ARTS AND SCIENCES

DEAN: BLAND L. STRADLEY

BACHELOR OF ARTS—WITH HONORS

| | |
|---|-------------|
| Richard Alden Hayes (cum laude)..... | Westerville |
| Edward Likover (with Distinction in Chemistry)..... | Cleveland |

(Two candidates)

BACHELOR OF ARTS

| | |
|---|----------------|
| *Fred Stewart Allard..... | Portsmouth |
| Samuel Charles Beesch..... | Cincinnati |
| Clara Bucklew..... | Columbus |
| Paul Castor Chrisman (as of the Class of 1923)..... | Dayton |
| George Patrick Fitzgerald, Jr..... | Springfield |
| William Creamer Foreman..... | Columbus |
| Virginia May French..... | Columbus |
| Robert Wylie Gates..... | Wadsworth |
| Emerson Wayne Gearheart..... | Columbus |
| Thomas Steve Gialellis..... | East Liverpool |
| Robert Cooper Gilkey..... | Youngstown |
| Ruven Greenberg..... | Columbus |
| John Anderson Howe..... | Columbus |

* Two degrees.

| | |
|--|-------------------|
| Nathan Hurvitz..... | Cleveland |
| Jane Curtis Jackson..... | Toledo |
| Robert Hanna Jones..... | Columbus |
| Betty Jean Kauffman..... | Worthington |
| Robert Francis Logsdon..... | Upper Sandusky |
| Harold Ashly McMaster..... | Deshler |
| Walter S. Osipoff..... | Akron |
| Andrew John Owens..... | Youngstown |
| George Joseph Parker..... | Columbus |
| Catherine Elizabeth Roush, B.Sc. in Edu..... | Cleveland |
| Ralph Robert Rubin..... | Columbus |
| Raleigh Edward Sain..... | Columbus |
| Catherine Mary Scholz..... | Berea |
| Ruth Anne Stevens..... | Cleveland Heights |
| Charles Brandt Tefft..... | Columbus |
| David Velk..... | Hudson, N. Y. |
| Charles Henry Vortriede..... | Maumee |
| Sieglinde I. M. Weber..... | Columbus |
| Judson Rudolph Wynkoop..... | Canal Winchester |
| Edmond Kiefer Yantes..... | Columbus |

(Thirty-three candidates)

BACHELOR OF SCIENCE IN JOURNALISM

| | |
|----------------------------------|-------------------|
| Charles Robert Bellinger..... | Findlay |
| Robert Clark Dunn..... | Lakewood |
| Harry Andrew Haberer..... | Dayton |
| Jerome Julius Lamm..... | Cleveland Heights |
| Nathan Theodore Lewis..... | Utica, N. Y. |
| Mary Jane Lowe..... | Columbus |
| William Paul Shaughnessy..... | Youngstown |
| Richard Franklin Westerkamp..... | Cincinnati |

(Eight candidates)

COLLEGE OF COMMERCE AND ADMINISTRATION

DEAN: WALTER C. WEIDLER

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION—WITH HONORS

| | |
|--|------------|
| Joe Bruerd Collinson (with Distinction in Accounting)..... | Columbus |
| David Lee Conrad (with Distinction in Accounting)..... | Delaware |
| Don Whitmer Deeter (with Distinction in Accounting)..... | Greenville |
| Ralph Alphonse Kraft (with Honors and with Distinction in Accounting)..... | Cleveland |
| John Mueller Waterman (with Honors and with Distinction in Accounting)..... | Columbus |
| Robert William Wingard (with Honors and with Distinction in Accounting)..... | Fremont |

(Six candidates)

BACHELOR OF SCIENCE IN SOCIAL ADMINISTRATION—WITH HONORS

| | |
|---|----------|
| Ann Theresa Goldberg (with Honors)..... | Columbus |
|---|----------|

(One candidate)

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

| | |
|-------------------------------|--------------------|
| William Ray Archer..... | Huntington, W. Va. |
| Jacob Charles Baas..... | Columbus |
| Richard Hamilton Barrett..... | Columbus |
| Paul Ellsworth Benner..... | Newark |
| Martha Louise Berlin..... | Columbus |
| Paul Augustus Boley..... | Junction City |
| James Hobart Borland..... | Batavia |

| | |
|---------------------------------|-------------------|
| Leonarda Mary Brickman..... | Elyria |
| Norman Frederick Bunker..... | Cleveland |
| Joe Richard Burkett..... | Rossburg |
| Hollis H. Chase..... | Columbus |
| Burton Beck Chizzick..... | New Haven, Conn. |
| Albert Comello..... | Cincinnati |
| Maurice Victor Cornell..... | Mt. Vernon |
| Robert Selwyn Davis..... | Massillon |
| Edward Walter Dombrosky..... | Elyria |
| Clarence William Elliott..... | Bergholz |
| Naomi Josephine Fisher..... | Camden |
| Charles Elton Fry..... | Greenville |
| Charles William Fullerton..... | Columbus |
| Bernard W. Gold..... | Cleveland |
| Edward Teeter Greenfield..... | Columbus |
| Arthur Charles Haines..... | Sabina |
| Dorothy Jane Hansberger..... | Columbus |
| Edwin Jay Hardy..... | Elyria |
| William Henry Hartsough..... | Columbus |
| Cuthbert Newton Hayhurst..... | Columbus |
| Roy Hiram Heldenbrand..... | North Canton |
| Edwin Richard Houck..... | Osborn |
| Richard Lewis Jackson..... | Columbus |
| Wilbur Kennedy Jones..... | Youngstown |
| Elmer Kuke Kelsik..... | Cleveland |
| Richard William Lieb..... | Dansville, N. Y. |
| Rocco Michael Martino..... | Newark, N. J. |
| Donald Edward Mason..... | Akron |
| George John Matesich..... | Zanesville |
| Robert Treat McGeorge..... | Kent |
| Robert Ford Mehrling..... | Columbus |
| Frederick H. Miller, Jr..... | Columbus |
| Thomas Merton Monahan..... | Lorain |
| Wilbur Wilson Morris..... | Oberlin |
| Richard Louis Nardi..... | Cleveland |
| Harry Olszewski..... | Lorain |
| Richard Weil Schiff..... | Newark |
| Russell Herbert Schulte..... | Cleveland |
| Robert Berman Scranage..... | Columbus |
| Harriet Patricia Sears..... | Columbus |
| Philip Theodore Sherman..... | Fremont |
| Fred Lawrence Snyder..... | Springfield |
| James Alden Standard..... | Columbus |
| Byron Evers Thomas..... | Columbus |
| Dorothy Louise Todd..... | Columbus |
| Henry Richard Trees..... | Columbus |
| Kenneth Dwight Trimmer..... | Lancaster |
| Melvin Michael Vuksich..... | Mingo Junction |
| Herman Seigfried Weinstein..... | Ozone Park, N. Y. |

(Fifty-six candidates)

BACHELOR OF SCIENCE IN SOCIAL ADMINISTRATION

| | |
|--------------------------------|---------------------|
| Coreda Hortense Bailey..... | Greenfield |
| Helen Louise Braunlin..... | Dayton |
| Mary Frances Carter..... | Columbus |
| Peter Francis Cavanaugh..... | Columbus |
| Robert Eaton Hadley..... | West Peabody, Mass. |
| Barbara Elizabeth Haywood..... | Washington, D. C. |
| Willard Seth Ives..... | Springfield |
| Robert Jacob Kaiser..... | Columbus |
| Maybelle Lewis..... | Columbus |

| | |
|--------------------------|-----------|
| Morris Al Ross..... | Columbus |
| Clement Joseph Russ..... | Cleveland |
| (Eleven candidates) | |

COLLEGE OF DENTISTRY

ACTING DEAN: WENDELL D. POSTLE

DOCTOR OF DENTAL SURGERY

| | |
|---------------------------|------------|
| *Fred Stewart Allard..... | Portsmouth |
| Reuben Stanton Klein..... | Cleveland |
| Paul Riese Myers..... | Toledo |
| Earl William Reed..... | Youngstown |
| (Four candidates) | |

COLLEGE OF EDUCATION

DEAN: ARTHUR J. KLEIN

BACHELOR OF SCIENCE
IN EDUCATION—WITH HONORS

| | |
|--|----------|
| Alice Gwen Callender (with Distinction)..... | Edgerton |
| (One candidate) | |

BACHELOR OF SCIENCE
IN EDUCATION

| | |
|--|------------------|
| Ray Erland Aldrich..... | Ostrander |
| Mary Jane Allread..... | Greenville |
| Grace Marie Althaus, A.B. (Western College)..... | Bethel |
| Kenneth Rex Baile..... | Fredericktown |
| Marie Josephine Baker..... | Bedford |
| Dorothy Rennison Beetham..... | Cadiz |
| Mary Bernadine Bell..... | Steubenville |
| Margaret Demorest Bigelow, B.A., M.A..... | Toledo |
| Margaret Lydia Binns..... | Columbus |
| Rachel Blain..... | Columbus |
| Merdith Elizabeth Bogan..... | Clarksville |
| Ruth Olive Bowsher..... | Columbus |
| Marjorie Frances Bracy..... | Clyde |
| Helen Emma Buck..... | Columbus |
| Charles Joseph Capazo..... | Cleveland |
| Louis Alfred Caperucci..... | Bradley |
| Elizabeth White Carlile..... | Columbus |
| Horace Westly Carter, B.Arch.E..... | Columbus |
| Constance Purdy Cone, B.A..... | Columbus |
| George Scott Cree, B.A..... | Columbus |
| Robert Vincent Curie..... | Jefferson |
| Charles Storer Custer..... | Hillsboro |
| Mary Ruth Davis..... | Columbus |
| Robert Owen Davis..... | Port William |
| Florence D. Dean..... | Fort Wayne, Ind. |
| Carmen Caroline Diehn..... | Liberty Center |
| Fred Newman Dillon..... | Columbus |
| Theodore Charles Duncan, B.E.E..... | Bridgeport |
| Wilma Dorothy Evans..... | Elwood, Ind. |
| Virginia Ruth Fowler..... | Columbus |
| Albert Parker Fulton..... | Warnock |
| William Andrew Goellner..... | South Euclid |
| Virginia Marie Grama, B.A., M.A..... | Salem |
| Florence Myrthel Grener..... | Amlin |
| Kathleen Grube..... | Groveport |

* Two degrees.

| | |
|--|--------------------|
| Minnie Ethel Hachtel..... | Dundee |
| Bessie Edith Hamilton..... | Hillsboro |
| Betty Altenburg Hamilton..... | Dayton |
| Analee Hanger, B.A..... | Ironton |
| Evelyn Maude Hart..... | Galloway |
| Robert Otis Hartmann..... | Mansfield |
| Lawrence Emery Hayes..... | Athalia |
| Florence Roselind Hoffman..... | Holmesville |
| Roberta Bell Holland..... | West Mansfield |
| Harriett Hunter..... | Martinsville |
| William Edward Huss..... | Cobleskill, N. Y. |
| * Betty Helene Irwin..... | Cleveland Heights |
| Lola Leona Johnson..... | Ohio City |
| Russell Leroy Johnson..... | Youngstown |
| Bernice Kathryn Kaufman..... | Attica |
| Oreon Pierre Keeslar..... | Columbus |
| Roy Bradshaw Keller..... | Pedro |
| Willett Emma Keyser..... | Dover |
| Ellis Dean Knapp..... | East Cleveland |
| Genevieve Alberta Kohler..... | Columbus |
| Katherine Kyle..... | Rogersville, Tenn. |
| Margaret Evelyn Lantz..... | Dayton |
| William Shriver Lawrence..... | Quaker City |
| Stanley Robert Leisk..... | Rocky River |
| Oakley Herbert Leist..... | Stoutsville |
| Alice Elizabeth Lloyd..... | Cambridge |
| Helen Rosalie Lodge..... | Bannock |
| Morrill Thomas Lynd..... | South Point |
| Harold Hance Mahoney..... | Buffalo |
| Robert Jesse Marsh..... | Columbus |
| Mary Elizabeth Jones Mason, B.A..... | Ravenna |
| Mary Helen McClain..... | Erie, Pa. |
| Evelyn Mary McClelland..... | Marion |
| Sherwood Cecil McIntyre, B.A..... | Columbus |
| Margaret May McMaster..... | Stuebenville |
| Sally Menaul, A.B. (Denison University)..... | Worthington |
| Ruth Anne Mills..... | Pickerington |
| Edith Mildred Morehead..... | Bucyrus |
| Alice Esther Morgan..... | St. Clairsville |
| India Aileen Morral..... | Morral |
| Clarence Henry Myton..... | Louisville |
| Gladys Elizabeth Ohl..... | Sycamore |
| Helen Irene Oldfield..... | Columbus |
| Helen Elizabeth Patterson..... | Dravosburg, Pa. |
| Helen Grace Payne..... | Croton |
| Margaret Ruth Petersen..... | Montpelier |
| Philip Edwin Peterson..... | Dayton |
| * Madge Alma Pierpont..... | Columbus |
| Alfred Tennyson Ploeser..... | Bay Shore, N. Y. |
| Dorothy Clara Prange..... | New Douglas, Ill. |
| Daniel Webster Prewitt..... | Williamsburg |
| Mary Moore Rader..... | Circleville |
| Bernice Rapp Ramsey..... | Zanesville |
| Samuel Ernest Richardson..... | Columbus |
| Dena Harshman Richeson..... | Mineral Ridge |
| Newman Winget Roseberry..... | London |
| Mary Annetta Rutan..... | Columbus |
| Sarah Martha Sayre..... | Fairview |
| Miriam Irene Sholley..... | Lebanon, Pa. |
| Idabelle Veronica Simon..... | Cleveland |
| Mable Langworthy Smith..... | Columbus |
| Wilbur Franklin Stover..... | Bradford |

* Two degrees.

| | |
|---|---------------------|
| John Francis Sullivan..... | Columbus |
| Esther Katherine Sump..... | Greenville, Pa. |
| Guy Homer Thrall, B.Sc. in Bus.Adm..... | Columbus |
| John Augustus Vargo, B.A..... | Cleveland |
| Charles Henry Wack..... | Canfield |
| Clarabel Walker | Youngstown |
| Nicholas Joseph Wasyluk..... | Astoria, N. Y. |
| Alice Marie Waterhouse..... | Dayton |
| Jean Louise Weismiller..... | Cleveland |
| Edgar Newton Williams..... | La Rue |
| Helen Irene Williams..... | Cleveland Heights |
| Emilia Rose Wisneski..... | New Kensington, Pa. |
| Dorothy Josephine Wonderly..... | Toledo |
| Robert Howard Wynd, B.A..... | Columbus |
| Vilma Yarmila Yunger..... | Cleveland |
| Constantine Gust Zarnas..... | Youngstown |

(One hundred and thirteen candidates)

BACHELOR OF FINE ARTS

| | |
|--------------------------|------------|
| Pearl Mildred Beach..... | Columbus |
| Virginia Jane Hout..... | Greenfield |
| Mary Ellen Peach..... | Zanesville |

(Three candidates)

COLLEGE OF ENGINEERING

DEAN: CHARLES E. MACQUIGG

BACHELOR OF CHEMICAL ENGINEERING

| | |
|-----------------------------|-------------|
| Gerald Lawrence Benson..... | Lodi |
| Carl Samuel Casto..... | Columbus |
| Victor Jackson Harris..... | Cleveland |
| Chester Adrian McCall..... | Worthington |
| James Richard O'Roark..... | Covington |

(Five candidates)

BACHELOR OF CIVIL ENGINEERING

| | |
|------------------------|----------|
| John Davis Tilton..... | Columbus |
|------------------------|----------|

(One candidate)

BACHELOR OF ELECTRICAL ENGINEERING

| | |
|-----------------------------|------------|
| Paul Thomas Astholz..... | Dayton |
| George Henry Booth..... | Columbus |
| Fred William Niggemyer..... | Toledo |
| James Cyril Taugher..... | Mt. Vernon |

(Four candidates)

BACHELOR OF INDUSTRIAL ENGINEERING

| | |
|------------------------------|-------|
| William Frederick Gall | Huron |
|------------------------------|-------|

(One candidate)

BACHELOR OF MECHANICAL ENGINEERING

| | |
|--------------------------|----------|
| Henry McDonald Curl..... | Columbus |
|--------------------------|----------|

(One candidate)

BACHELOR OF METALLURGICAL ENGINEERING

| | |
|---------------------------|----------|
| William John Doelker..... | Columbus |
|---------------------------|----------|

(One candidate)

ANNUAL REPORT

COLLEGE OF PHARMACY

DEAN: CLAIR A. DYE

BACHELOR OF SCIENCE
IN PHARMACY

| | |
|----------------------------|-------------|
| John Walter Brungart..... | Columbus |
| Ward Allen Denig..... | Convoy |
| Albert Orris Tatman..... | Crooksville |
| George Nelson Wheeler..... | Gallipolis |

(Four candidates)

COLLEGE OF EDUCATION

DEAN: ARTHUR J. KLEIN

CERTIFICATE OF GRADUATE NURSE

| | |
|---------------------------|-------------------|
| *Betty Helene Irwin..... | Cleveland Heights |
| *Madge Alma Pierpont..... | Columbus |

(Two candidates)

CERTIFICATE OF GRADUATE NURSE

(AS OF JUNE, 1938)

| | |
|----------------------------------|----------------|
| *Evelyn Louise Black..... | Columbus |
| *Neva Gertrude Doak..... | Marietta |
| *Helen Susan Dresher..... | Ford City, Pa. |
| *Amy Barbara Cowgill Henson..... | Upper Sandusky |
| *Madeline Lucille Mason..... | Columbus |
| *Ruth Moorhead..... | Findlay |
| *Jane Fulton Plumer..... | Marietta |
| *Charlotte Johnson Richards..... | Columbus |
| *Flora Hanna Rosenbaum..... | Columbus |
| *Elizabeth Gillie Taylor..... | Columbus |
| *Margaret Louise Van Buren..... | Forest |

(Eleven candidates)

DECEMBER CONVOCATION

GRADUATE SCHOOL

DEAN: GEORGE FREDERICK ARPS

DOCTOR OF PHILOSOPHY

| | |
|--|-------------------|
| Omer Clyde Aderhold, B.Sc. in Agr., M.Sc. in Agr. (University of Georgia)..... | Athens, Ga. |
| Frederick Kenneth Berrien, A.B. (Colgate University); M.A..... | Hightown, N. J. |
| Chester Coe Carrothers, A.B. (Upper Iowa University); M.A. (Drake University) .. | Des Moines, Ia. |
| Hester Chadderdon, B.S. (University of Nebraska); A.M. (University of Chicago) .. | Lincoln, Neb. |
| Paul Enoch Clark, B.A. (Muskingum College); M.Sc..... | Cambridge |
| Thomas Basil Douglas, S.B. in Chem., M.S. (University of North Carolina)..... | High Point, N. C. |
| Robert Ashley Harrington, B.S. in Physics (Case School of Applied Science); M.Sc..... | Cleveland |
| Marshall Cole Hervey, B.Sc. in Agr., M.Sc..... | Westerville |
| Monroe McCown, B.Sc. in Agr.; M.Sc. (Purdue University)..... | Lafayette, Ind. |
| Jose Roberto Palomo, B.S. (Carnegie Institute of Technology); M.A..... | Columbus |
| Hazel Huston Price, B.Sc. in H.E. (University of Cincinnati); M.A..... | Columbus |
| Charles Warnock Proudft, B.A., M.Sc..... | Cambridge |
| Royal Eastman Shanks, A.B. (Ohio Northern University); M.Sc..... | Ada |
| Walter Lee Simmons, Jr., B.A. (Washington and Lee University); A.M. (Harvard University) | Delaware |
| Ralph Burdellas Vogel, B.Sc. in Edu., M.Sc..... | Wharton |
| Paul Dean Woodring, B.E. in Edu. (Bowling Green State College); M.A..... | Delta |

(Sixteen candidates)

* Two diplomas.

MASTER OF ARTS

| | |
|---|------------------|
| Jane Aubrey, A.B. (Vassar College)..... | Youngstown |
| Theodore Thoburn Badley, B.A. (Ohio Wesleyan University)..... | Delaware |
| John Russell Bright, A.B. (Manchester College)..... | Dayton |
| Albert Louis Capuder, B.A. (Muskingum College)..... | Midway, Pa. |
| Jean Frances Caul, A.B. (Lake Erie College)..... | Shaker Heights |
| Helen Inboden Conley, B.Sc. in Agr..... | Logan |
| Samuel Lessie Darst, A.B. (Indiana State Normal School)..... | Fort Recovery |
| Frances Dorothy Etheridge, A.B., B.S. (University of Illinois)..... | Carbondale, Ill. |
| Lois Permelia Hazelton, B.Sc. in Edu..... | Columbus |
| Clyde Alden Henderson, B.A. (Pomona College)..... | Cleveland |
| Harold Clyde Hess, B.A..... | Decatur, Ill. |
| Dorothy Pauline Hilty, A.B. (Ohio University)..... | Ada |
| William John Jones, B.A. (Emmanuel Missionary College)..... | Columbus |
| Belle Virginia Joseph, B.Sc. in Edu..... | Lemoyne |
| David Milton Krabill, B.A. (The College of Wooster)..... | Sterling |
| Kathryn Kumler, A.B. (Vassar College)..... | Lewisburg |
| Georgian May Lady, B.A. (Muskingum College)..... | Pleasant City |
| Carabel Eileen Langstaff, B.Sc. in Edu..... | Columbus |
| Clark Clayton Latshaw, B.A., B.Sc. in Edu..... | Fostoria |
| Theodore Levatter, B.A..... | Cleveland |
| Marian Ruth Mitchell, B.A. (Beaver College)..... | St. Marys, Pa. |
| Gene Ballengee Oppy, B.Sc. in Edu..... | Reynoldsburg |
| Rowland Ray Pierson, B.A. (Muskingum College)..... | Columbus |
| Harold Lawrence Porter, B.Sc. in Edu..... | Marengo |
| Mary Cecilia Quirk, B.Sc. in Edu..... | Piqua |
| Viola Jefferson Serrell, B.Sc. in Edu..... | Columbus |
| Michael Albert Stahl, B.Sc. in Edu..... | Columbus |
| Lester William Steck, A.B. (Otterbein College)..... | Brookville |
| Jane Hoffman Thorson, B.A..... | Columbus |
| Samuel Glenn Vercoe, B.Sc. in Edu..... | West Lafayette |
| Christena Mae Wahl, A.B. (Otterbein College)..... | Dayton |
| Sarah Martha Watson, A.B. (Emory University)..... | Pleasant City |
| Ray Ernest Watts, A.B. (Baldwin-Wallace College)..... | Berea |
| Walter Charles Witten, B.Sc. in Edu..... | Ohio City |
| Harry Emsley Wood, Jr., B.A., M.A. (University of Wisconsin)..... | Delaware |
| Robert Jeffries Woodin, B.A..... | Columbus |

(Thirty-six candidates)

MASTER OF ARTS

IN SOCIAL ADMINISTRATION

| | |
|---|-----------|
| Edward James Blakemore, B.S. (John Carroll University)..... | Cleveland |
| Aileen Charters, B.Sc. in Bus.Adm..... | Columbus |
| Beatrice Joan Kilbane, A.B. (Notre Dame College)..... | Cleveland |
| Bertram Schwartz, B.Sc. in Edu..... | Cleveland |

(Four candidates)

MASTER OF SCIENCE

| | |
|---|---------------------|
| John Blandford Armstrong, B.Ch.E..... | Columbus |
| George Robert Barrett, B.Sc. in Agr..... | McConnsenville |
| Mary Ellen Boehme, B.S. (Western Kentucky State Teachers College)..... | Georgetown |
| Raymond August Bournique, B.S. (University of Toledo)..... | Maumee |
| Marby Clark, B.S. (Mississippi State College)..... | Starkville, Miss. |
| Doris Belle Eckfeld, B.Sc. in H.E..... | Columbus |
| Louis Daniel Ellsworth, B.S. in Physics (Case School of Applied Science)..... | Cleveland |
| Walter Woodrow Fassig, B.Sc. in Agr..... | Columbus |
| Clair Elder Franklin, B.S. in Edu. (Ohio University)..... | Woodsfield |
| Joseph Bernard Fueglein, B.Sc. in Agr..... | Anchorage, Ky. |
| Louis Charles Gibbons, B.S. in Chem. (Ohio University)..... | Chesterhill |
| Bruce Dewar Gleissner, A.B. (University of Kansas)..... | Abilene, Kan. |
| Joseph R. Gross, B.Sc. in Agr..... | Cleveland |
| Edward Joseph Haven, B.S. (University of California)..... | San Francisco, Cal. |
| Donald Carl Kiplinger, B.S. (Iowa State College)..... | Chicago, Ill. |

| | |
|---|--------------------|
| Philip Carl Martin, E.E. (Syracuse University)..... | Nunda, N. Y. |
| Helena Agnes Miller, B.A., B.Sc. in Edu..... | Rudolph |
| Herbert Guy Mote, B.Sc. in Bus.Adm. (University of Akron); B.Sc. in App. Opt..... | Arcanum |
| Prokop Leslie Pesek, B.S. (Michigan State College of Agriculture and Applied Science) | East Jordan, Mich. |
| Norman James Scott, B.S.A. (Ontario Agricultural College)..... | Stratford, Ont. |
| Don Frank Siddall, B.S. (Kent State University)..... | Ravenna |
| Carroll Arthur Swanson, A.B. (Augustana College)..... | Burlington, Ia. |
| Robert Abram Waddell, B.S. in E.E. (Rose Polytechnic Institute)..... | Winthrop, Mass. |
| Arden Jay Welty, B.A. (The College of Wooster)..... | Apple Creek |
| Kenneth West, B.A., B.E.E., B.Sc. in Edu..... | Columbus |
| John Tudor Wilson, Jr., B.Ch.E..... | Columbus |

(Twenty-six candidates)

MASTER OF SCIENCE IN PUBLIC ADMINISTRATION

| | |
|--|--------|
| Warren John DeWeese, A.B. (Otterbein College)..... | Dayton |
|--|--------|

(One candidate)

COLLEGE OF AGRICULTURE

DEAN: JOHN F. CUNNINGHAM

BACHELOR OF SCIENCE IN AGRICULTURE

| | |
|-----------------------------|----------------------|
| Ralph Lavern Baker..... | Tippecanoe City |
| Robert Bernard..... | Columbus |
| Carl Willard Bilikam..... | Columbus |
| Donald D. Bradley..... | Mechanicsburg |
| Everett William Brown..... | Hicksville |
| Robert Franklin Dix..... | Delaware |
| Moshe Gold..... | Jerusalem, Palestine |
| Paul Lewis Good..... | Van Wert |
| Kenneth Lloyd Holtrey..... | Mt. Gilead |
| Dale Wilson Jenkins..... | Columbus |
| Thereon Johnson..... | Letart Falls |
| Arthur Lewis Lash..... | Albany |
| George William Newburn..... | Chesterhill |
| Lowell Dwight Overmyer..... | Payne |
| Thomas Benton Pegg..... | Columbus |
| Loften Avery Phillips..... | Barnesville |
| Roy Wilson Rings..... | Columbus |
| Gordon McNess Royle..... | Leetonia |
| John Marcus Steiner..... | Baltic |

(Nineteen candidates)

BACHELOR OF SCIENCE IN HOME ECONOMICS

| | |
|---|--------------|
| Ruth Elizabeth Beck, A.B. (Heidelberg College)..... | Tiffin |
| Mildred Elizabeth Gerke..... | Rayland |
| Jean Ruth Howard..... | Marion |
| Edythe Anne Leffingwell..... | Ashland, Ky. |
| Edna Blanche Oyer..... | Canton |
| Joyce Virginia Smith..... | Columbus |
| Bonnie Marie Stoltz..... | Columbus |

(Seven candidates)

COLLEGE OF ARTS AND SCIENCES

DEAN: BLAND L. STRADLEY

BACHELOR OF ARTS—WITH HONORS

| | |
|--|------------|
| Jack Henry Newman (cum laude and with Distinction in Political Science)..... | Cleveland |
| Jane Louise Springer (cum laude)..... | Columbus |
| Eather Udell Stickney (Summa cum laude and with High Distinction in Chemistry).... | Zanesville |
| (Three candidates) | |

BACHELOR OF ARTS

| | |
|---------------------------------|----------------------|
| Anne Blake | Columbus |
| Betty Jeanette Brown..... | Columbiana |
| Josephine Mae Clemmons..... | Mechanicsburg |
| Margaret Elizabeth Day..... | Columbus |
| Russell Paul Dreyer..... | Cleveland |
| Jane Ellen Eastey..... | Zanesville |
| Erwin Joseph Epstein..... | Cleveland |
| Robert Charles Fashbaugh..... | Delta |
| Arnold Searle Gardner..... | Columbus |
| Karl Kenneth Grubaugh..... | Mansfield |
| Doris Diana Hahn..... | Crawfordsville, Ind. |
| Robert Holmes Hanback..... | St. Paris |
| Robert George Hattwich..... | Lakewood |
| Irene Geneal Houser..... | Columbus |
| William Worthington Howell..... | Columbus |
| Myron Beecher Kauffman, Jr..... | Columbus |
| David Ellison MacQuigg..... | Columbus |
| Charlotte Thrall Moore..... | Circleville |
| Margaret Ann Niermeyer..... | Columbus |
| Thomas Pringle..... | Uhrichsville |
| Marianne Granger Randall..... | Columbus |
| *Miriam Harriet Sayre..... | Galion |
| Anne Elizabeth Schoedinger..... | Columbus |
| Redyn Clyde Setterfield..... | Norwalk |
| Rudolph Speiser..... | Cleveland |
| Virginia Gertrude Tinkler..... | Columbus |
| Dorothy Rose Weissman..... | Pittsburgh, Pa. |
| Ruth Elizabeth Wilcox..... | Elyria |
| Morrison Griggs Wood..... | Columbus |
| Phoebe Elizabeth Yarman..... | Piqua |
| (Thirty candidates) | |

BACHELOR OF SCIENCE

IN JOURNALISM

| | |
|--------------------------------|-----------|
| Helene Anne Canning..... | Columbus |
| Irvin Lee Edelstein..... | Toledo |
| William Ignatius Halloran..... | Cleveland |
| (Three candidates) | |

COLLEGE OF COMMERCE AND ADMINISTRATION

DEAN: WALTER C. WEIDLER

BACHELOR OF SCIENCE
IN BUSINESS ADMINISTRATION

| | |
|-------------------------------|------------|
| James Joseph Anderson..... | Sidney |
| John Cassmer..... | Cleveland |
| Earl Joseph Catcott..... | Louisville |
| Joseph Francis Collins..... | Youngstown |
| Irving Mitchell Converse..... | Akron |
| Wilbur Lowell Denune..... | Columbus |

* Two degrees.

| | |
|--------------------------------|------------------|
| John McBarron Devaney..... | Columbus |
| Harold Sterling Fry..... | East Sparta |
| Irwin Lawrence Ginsberg..... | East Cleveland |
| John Robert Heagen..... | Zanesville |
| Lester Everett Hite..... | New Straitsville |
| Adrian Burdsal Kislring..... | Washington C. H. |
| Waldo Kent Landis..... | Columbus |
| John Leshy..... | Bridgeport |
| Richard Fleeson Levering..... | St. Marys |
| Robert Christopher Miles..... | Columbus |
| Philip Duane Pearson..... | Solon |
| Blaine Herl Penny..... | Napoleon |
| Norma Marie Peterson..... | Columbus |
| Stanley Howard Pohl..... | Norwalk |
| Jack Radford..... | Columbus |
| John Henry Romey..... | Bluffton |
| William Harold Silver..... | South Vienna |
| Fred Orrville Sloane..... | Galion |
| Phillips Henry Sturtevant..... | Zanesville |
| John Richard Titlow..... | Osborn |
| Edwin James Williams..... | Cleveland |
| Kenneth Herman Winter..... | Cleveland |
| Alan Dana Woolman..... | Columbus |
| Mary Ellen Wyman..... | Lancaster |
| Jack Duane Zink..... | Fremont |

(Thirty-one candidates)

BACHELOR OF SCIENCE IN SOCIAL ADMINISTRATION

| | |
|---------------------------------|----------------|
| Rosemary Blanchard..... | Columbus |
| Helen Ruth Case..... | Upper Sandusky |
| Emily Greta Halby..... | Marion |
| Marjorie Elizabeth Jackson..... | Springfield |
| Lucy Agnes Landry..... | Massillon |
| Marjorie Joy Whipple..... | Columbus |
| Emanuel Sanford Wieder..... | Cleveland |

(Seven candidates)

COLLEGE OF EDUCATION DEAN: ARTHUR J. KLEIN

BACHELOR OF SCIENCE IN EDUCATION

| | |
|--------------------------------------|------------------|
| Betty Jane Benton, B.A..... | Columbus |
| Hamilton Rochester Bowen..... | Columbus |
| Agnes Rose Buchman..... | Bowling Green |
| Pauline Theresa Buchman..... | Bowling Green |
| Margaret Emma Butzow..... | Chicago, Ill. |
| Betty Jane Cloak..... | Columbus |
| Earl Maxwell Cox..... | Wellston |
| Mary Catherine Creagh..... | Salamanca, N. Y. |
| Mary Helen Crotty..... | Columbus |
| Edna May Davis..... | Columbus |
| Estella Cornell Dennison..... | Massillon |
| Ruth Lynn Dillon, B.A..... | Columbus |
| Eleanor Marie Ealy, B.Fine Arts..... | Columbus |
| Emma Katherine Englehart..... | Brazil, Ind. |
| Raymond Arthur Fauver..... | Dennison |
| Lois Katherine Grant..... | Lakewood |
| Stuart Alexander Green..... | Columbus |
| Yetta Greenstein..... | Warren |
| Elizabeth LeVan Guest..... | Bethlehem, Pa. |

| | |
|--|-------------------|
| Winifred Gwendolyn Hallier..... | Cleveland |
| *Justine Estella Hannan..... | Condit |
| Vera Parkin Hansel..... | Columbus |
| Michael Kowan, B.A.; A.M. (University of Chicago)..... | Cleveland |
| Bertha Elizabeth Kramer..... | Attica |
| Margaret Agnes Langenderfer, Ph.B. (University of Toledo)..... | Toledo |
| Ruth Frances Lea..... | Columbus |
| Gordon Burdett Leonard..... | Williamsfield |
| Antoinetta Maria Linsalata, B.A. in Social Work (Schauffler School)..... | Orrville |
| Anne Dolores Madaras..... | Pemberville |
| Elizabeth Brown Masheter, B.A..... | Seaman |
| Cornelia Colton Menges..... | Powell |
| Harry Willard Millhuff..... | Portsmouth |
| Florence Hamilton Muehlhauser..... | Cleveland Heights |
| Florence Martha Naske..... | Cleveland |
| Ruth Marie Neumeister..... | Toledo |
| Lois Niswonger..... | Pittsburg |
| Paul Oliver Parker..... | Salem |
| Don Harold Poston..... | Logan |
| Thelma Jayne Rodgers..... | Washington, Pa. |
| Ruth Lillian Russell..... | Columbus |
| *Miriam Harriet Sayre..... | Galion |
| Elaine Weimer Seeger..... | Marion |
| Anita Romaine Speakman..... | Oakwood |
| Harriet Miriam Viel..... | Delphos |
| Evelyn Gibbs Weaver..... | Akron |
| Florence Stradell Weisblat..... | Coshocton |
| George Oliver Wright..... | North Kenova |

(Forty-seven candidates)

COLLEGE OF ENGINEERING

DEAN: CHARLES E. MACQUIGG

BACHELOR OF ARCHITECTURE

| | |
|-----------------------------|----------------|
| Raymond Edward Clouse..... | East Liverpool |
| Harry Edgar Phillian..... | Delaware |
| John Edward Warner, Jr..... | Lodi |

(Three candidates)

BACHELOR OF CERAMIC ENGINEERING

| | |
|---------------------------|----------|
| Eugene Murray Lannes..... | Columbus |
| Victor John Solomon..... | Oberlin |

(Two candidates)

BACHELOR OF CHEMICAL ENGINEERING

| | |
|-----------------------------|---------------|
| Jefferson Calvin Cole..... | Akron |
| John Robert Griest..... | Dayton |
| Frederick Edwin Miller..... | Waterville |
| Howard John Orlowski..... | Chillicothe |
| Woodrow Wilson Portz..... | Newcomerstown |

(Five candidates)

BACHELOR OF CIVIL ENGINEERING

| | |
|--------------------------------|-------------|
| Edson James Buehler..... | Columbus |
| Robert Eugene Emmenegger..... | Sugar Creek |
| Lloyd Crawford Gilbert..... | Columbus |
| Randle Burton Hickman, Jr..... | Columbus |

(Four candidates)

* Two diplomas.

ANNUAL REPORT

BACHELOR OF ELECTRICAL ENGINEERING

| | |
|------------------------------|------------|
| Lewis Driskell Evans..... | Columbus |
| Ray Paul Stokely..... | Cincinnati |
| Albert Carl Wurdack, Jr..... | Columbus |
| (Three candidates) | |

BACHELOR OF ENGINEERING IN MINING

| | |
|------------------------------|----------------|
| Basil Henry Minnich, Jr..... | Cincinnati |
| Carl Robert Temple..... | Upper Sandusky |
| (Two Candidates) | |

BACHELOR OF INDUSTRIAL ENGINEERING

| | |
|-----------------------------|--------------|
| Robert Scott Carnahan..... | Steubenville |
| Paul Clowser Hartman..... | Middletown |
| Roger Frederick Kurzen..... | Magnolia |
| Robert Alfred Lerche..... | Columbus |
| John Raymond Stair..... | Delaware |
| (Five candidates) | |

BACHELOR OF MECHANICAL ENGINEERING

| | |
|-----------------------------|-------------|
| Jerome Andrew Church..... | Lakewood |
| Robert Burrell Heston..... | Sunbury |
| John Charles Lewis..... | Warren |
| Clarence Allen Mettler..... | Columbus |
| Harry James Sands, Jr..... | Pataskala |
| Wendell Floyd Stewart..... | Bowersville |
| (Six candidates) | |

COLLEGE OF PHARMACY

DEAN: CLAIR A. DYE

BACHELOR OF SCIENCE
IN PHARMACY

| | |
|---------------------------|----------|
| Margaret Jones Clark..... | Columbus |
| Richard John Weaver..... | Akron |
| (Two candidates) | |

COLLEGE OF MEDICINE

DEAN: JOHN H. J. UPHAM

CERTIFICATE OF GRADUATE NURSE

| | |
|------------------------------|--------|
| *Justine Estella Hannan..... | Condit |
| (One candidate) | |

MARCH CONVOCATION

GRADUATE SCHOOL

DEAN: GEORGE FREDERICK ARPS

DOCTOR OF PHILOSOPHY

| | |
|---|----------------|
| Warner William Carlson, B.Sc., M.Sc. (University of Nebraska)..... | Lincoln, Neb. |
| Horace Champney, A.B. (Antioch College); M.A..... | Yellow Springs |
| Ralph Willard Dean, B.Sc. in Agr., M.Sc..... | East Cleveland |
| Bernard Fried, B.S. in Physics (University of Illinois); M.Sc..... | Chicago, Ill. |
| Fred William Gallagher, B.A. (Western Reserve University); M.A..... | Brecksville |
| Ralph Garling Harshman, B.S. in Edu. (Ohio Northern University); M.A..... | Dayton |

* Two diplomas.

| | |
|---|------------------|
| Louis Kaplan, B.S. (University of Chattanooga) ; M.A..... | Cincinnati |
| Ronald Redvers Lowdermilk, B.Edu. (Illinois State Normal University) ; M.A. (University of Illinois) | Girard, Ill. |
| Raymond Frech Mikesell, B.A., M.A..... | Lima |
| Erna Guy Rasmussen, B.S. in Rural Com. (Kansas State Agricultural College) ; M.B.A. (Northwestern University) | Nashville, Tenn. |
| Leland Frederic Roy, B.Ch.E., M.Sc..... | Columbus |
| Russell Breneman Smith, B.A. (Ohio Wesleyan University) ; M.A..... | Crestline |
| Jack Taif Spencer, B.S. in Edu. (Kent State University) ; M.S. (University of Wisconsin) | Wooster |
| James Milton Watkins, B.S. (University of Michigan) ; M.S. (Michigan State College) | McHenry, Miss. |
| Jesse O. White, B.A..... | New Philadelphia |
| Forrest Brooks Whittington, B.S. (Clemson Agricultural College) ; M.Sc..... | Columbus |
| (Sixteen candidates) | |

MASTER OF ARTS

| | |
|--|--------------------------|
| Ruth Mildred Bachmayer, B.A. (Ohio Wesleyan University) | Columbus |
| Glendon Kenneth Bradford, B.Sc. in Edu..... | Rutland |
| Virgil James Briegel, A.B. (Capital University) | Carrothers |
| Orin Walter Davis, A.B. (Rio Grande College) | Rio Grande |
| Francis Harry Fletcher, B.S. in Edu. (Ohio University) | Union City, N. J. |
| Lester Clarence Furney, B.S. in Edu. (Kent State University) | Waynesburg |
| Dorothy Dolores Harper, B.A., B.Sc. in Edu..... | Columbus |
| Claude Theodore Hathaway, B.A., B.Sc. in Edu..... | Springfield |
| Richard Hendricks, A.B. (Franklin College) | Marysville |
| Nicholas Hobbs, B.A. (The Citadel) | Spartanburg, S. C. |
| Francis Lee Kelly, B.S. (Tuskegee Normal and Industrial Institute) | Tuskegee Institute, Ala. |
| Malcolm Foote Kent, B.Sc. in Bus.Adm..... | Chagrin Falls |
| Elton Edwin Kistler, B.Sc. in Edu..... | Warren |
| George Gorham Lane, B.S. (Tufts College) | Salem, Mass. |
| George Raymond Leyda, A.B. (Mount Union College) | Minerva |
| Eu Sung Liu, B.Sc. in Bus.Adm..... | Shanghai, China |
| Mary Jane Loomis, B.Sc. in Edu..... | Columbus |
| Earl John Mickle, B.S. (Mount Union College) ; B.S. in Edu. (Bowling Green State University) | Birmingham |
| Ann Paterson, B.Sc. in Edu..... | Columbus |
| Charles Robert Robinson, B.A..... | Findlay |
| Aloys Mary Sacksteder, B.S. in Edu. (Kent State University) | Sandusky |
| Charles Berry Schuchardt, B.S. in Edu. (Washington and Jefferson College) | Findlay |
| Ransford Monroe Smith, A.B. (University of Alabama) | Lisbon Falls, Me. |
| Marsh Allen Snyder, B.S. in Edu. (Muskingum College) | Whigville |
| Stanford Searle Speaks, B.A..... | Columbus |
| Secundino Vega, B.S. in Edu. (University of Puerto Rico) | Rio Piedras, P. R. |
| Robert Woolf Votaw, A.B. (Miami University) | Ravenna |
| Paul Frederick Wacker, B.A..... | Lancaster |
| Jeraldine Taylor Watson, B.A. (Muskingum College) | Pleasant City |
| (Twenty-nine candidates) | |

MASTER OF BUSINESS ADMINISTRATION

| | |
|--|----------|
| William Edgar Harrison, A.B. (Morehouse College) | Columbus |
| Robert C. Manhart, B.Sc. in Bus.Adm..... | Marion |
| Evelyn Therese McDonald, B.Sc. in Bus.Adm..... | Columbus |
| (Three candidates) | |

MASTER OF SCIENCE

| | |
|---|---------------------|
| Benjamin Berger, B.A..... | Cleveland |
| Karl Edward Blumenberg, B.A..... | Columbus |
| Paul Frederick Bobula, B.S. (Massachusetts State College) | West Roxbury, Mass. |
| Allan I. Gordon, B.Ch.E..... | Circleville |

James David King, A.B. (Miami University) ; M.D. (George Washington University)

Shanghai, China

Gerhard Frank Lamers, M.E. (Marquette University).....Columbus

Stanley Elberson Lull, B.S. (Alfred University).....Westfield, N. Y.

Donald Craig MacDonald, B.S. (Iowa State College).....Ames, Ia.

Richard Francis McCormick, B.Ch.E.....Columbus

Solomon Miller, A.B. (University of Akron).....Akron

Earl Bennett Poling, B.Sc. in Agr.....Marysville

Myron William Smith, B.Sc. in Agr.....Cleveland

Thomas Clark Van Osdall, B.S. (Ashland College).....Ashland

(Thirteen candidates)

CANDIDATES RECEIVING TWO DIPLOMAS

Evelyn Cencia Alvarez.....Canton

Bachelor of Arts

Bachelor of Science in Education

William Alfred Colwell.....Columbus

Bachelor of Arts

Bachelor of Science in Education

Martha Bernice Evans.....Columbus

Bachelor of Science in Education

Certificate of Graduate Nurse

Peggy Joy Knapp.....Toledo

Bachelor of Science in Education

Certificate of Graduate Nurse

Ruth Margaret Pegg.....Columbus

Bachelor of Science in Education

Certificate of Graduate Nurse

(Five candidates)

COLLEGE OF AGRICULTURE

DEAN: JOHN F. CUNNINGHAM

BACHELOR OF SCIENCE

IN AGRICULTURE

Wayne Harold Babcock.....Toledo

Thomas Troth Berry.....Hillsboro

Ivan Cammack.....Wilmington

Charles Andrew Carlson.....Norwood

George Eugene Cleveland.....Galena

Dale LaVerne Dargitz.....Montpelier

Doyle Deleth Duckworth.....Marietta

Emil E. Eisenhut, Jr.....Carrollton

Joseph William Enke.....Columbus

Glenn Howard Foltz.....Westerville

George Francis Fuller.....Jackson

Robert Franklin Green.....New Philadelphia

John Hartlein, Jr.....Lakewood

James Carlton Henderson.....Blue Rock

Arthur Dana Kasler.....Amesville

Roy Laverne Keely.....West Liberty

Merton Lowell Kesselring.....Akron

Virgil Jay Klopfer.....Piqua

Lester Henry Lehman.....Edgerton

Chester Newton McGrew.....Kent

Edward Arnold Morrison.....Put-in-Bay

Sheldon Beverly Newton.....Urbana

George Ernest Pallas.....Elyria

Ralph Lee Palmer.....Pataskala

James Hollis Petro.....Columbus

Cornelius Hanford Price.....Dayton

| | |
|-------------------------------|-----------------|
| Edward Weidner Reisinger..... | Grafton |
| Marion Leroy Rickly..... | Reynoldsburg |
| Donald Horton Russ..... | Oak Hill |
| Russell LeRoy Schilling..... | West Middletown |
| Lowell Cornell Shook..... | Greenville |
| Wayne Edward Smith..... | Columbus |
| Richard Earl Steele..... | Millersburg |
| Frank Miller Taylor..... | Wooster |
| Alva Jessie Van Atta..... | Milford Center |

(Thirty-five candidates)

BACHELOR OF SCIENCE IN HOME ECONOMICS

| | |
|-----------------------------|------------|
| Mildred Selene Brenner..... | Cleveland |
| Betty McIlroy Galloway..... | Marysville |
| Marjory Ethel Lockwood..... | Milan |

(Three candidates)

COLLEGE OF ARTS AND SCIENCES

DEAN: BLAND L. STRADLEY

BACHELOR OF ARTS—WITH HONORS

| | |
|--|-------------|
| George Armour (cum laude and with Distinction in Political Science)..... | Columbus |
| Russell Sharon Bower (with Distinction in Chemistry)..... | Kingston |
| Joseph Foster Foster, Jr. (cum laude and with Distinction in Mathematics)..... | Chillicothe |
| Moses Leeb (cum laude)..... | Cleveland |
| Ralph Clyde Robertson (cum laude)..... | Marengo |
| Merle Jeanne Swineford (cum laude)..... | Columbus |

(Six candidates)

BACHELOR OF ARTS

| | |
|---|--------------------|
| *Evelyn Cencia Alvarez..... | Canton |
| Martha Oneta Anderson..... | Killbuck |
| Louis Bloomberg..... | Youngstown |
| John Newark Burkey..... | Columbus |
| Julius Caesar Calabria..... | Cambridge |
| *William Alfred Colwell..... | Columbus |
| Clara Distel..... | Dayton |
| Ruth McGlashan Duffus..... | Columbus |
| Ethel Elizabeth Eicher..... | Miamisburg |
| William Henry Fries, B.S. in Bus. (Miami University)..... | Dayton |
| Jane Abbott Gale..... | Willoughby |
| Frank Gelbman..... | Youngstown |
| William Horner Hamilton, Jr..... | Bellefontaine |
| Guy Sanford Hulett..... | Columbus |
| Merrill Francis Jones..... | Baltimore |
| James Sherman Kile..... | Killeville |
| Earl James Kohn..... | East Aurora, N. Y. |
| Mary Margaret Manney..... | Columbus |
| James Frederic McDaniel..... | Urbana |
| Kenneth William McKinley..... | Columbus |
| Vernon Bernard McMillen..... | Napoleon |
| Marietta Miller..... | Franklin |
| Mary Lentz Morrison..... | Columbus |
| Paul Francis Munger..... | Perrysburg |
| Helen Patricia Pearce..... | Cleveland |
| Arthur Frederick Rense..... | Cleveland |
| Joseph Richard Rich..... | East Liverpool |
| Frank Bernard Rosenberger..... | McComb |
| Franklin Henry Schaeffer..... | Mansfield |

* Two degrees.

| | |
|------------------------------|----------------|
| William Vaughn Shaftner..... | Springfield |
| Herbert Shuman Siens..... | Cambridge |
| Margaret Jean Simpson..... | Elizabeth, Pa. |
| Marie Glenn Thrall..... | Columbus |
| Jessie Clare Tomlinson..... | Mansfield |
| Mary Edith Wall..... | Columbus |
| Lee Thomas Weaver..... | Maumee |
| Clyde Edward Wooley..... | Columbus |

(Thirty-seven candidates)

BACHELOR OF SCIENCE
IN JOURNALISM

| | |
|------------------------------|----------|
| Robert Nathaniel Butler..... | Columbus |
|------------------------------|----------|

(One candidate)

COLLEGE OF COMMERCE AND ADMINISTRATION

DEAN: WALTER C. WEEDLER

BACHELOR OF SCIENCE
IN BUSINESS ADMINISTRATION

| | |
|----------------------------------|--------------------|
| William Otis Anderson..... | Columbus |
| Charles David Bird..... | Bellefontaine |
| Donald Wilfred Boehme..... | Springfield |
| Robert Isaiah Boose..... | Somerset, Pa. |
| Kenneth Edward Bowen..... | Bryan |
| Estelle Elizabeth Campbell..... | Canton |
| John Vincent Cassidy..... | Cleveland |
| Carl Powers Cronk..... | Lakewood |
| Wilbur Frank Davidson..... | Cleveland |
| Thomas Edgar Davis..... | Hilliards |
| Amy Lee Grimm..... | Clarksburg, W. Va. |
| Stephen Peter Hahn..... | Barberton |
| Robert Worthington Hamilton..... | Franklin |
| John William HoffThines..... | Columbus |
| Allen Maurice Holman..... | Columbus |
| Mary Carolyn Keller..... | Dayton |
| Robert Frank Kundtz..... | Cleveland |
| Harry Edwin Leventhal..... | Cleveland |
| Clarence Earl Lopez..... | Alliance |
| James Gerard McMahon..... | Lakewood |
| Joseph Frame Mills..... | Bedford |
| Harold Wilson Newcome..... | Trinway |
| Kenneth Earl Rearick..... | Columbiana |
| Joseph Bayer Sherman..... | Columbus |

(Twenty-four candidates)

BACHELOR OF SCIENCE
IN SOCIAL ADMINISTRATION

| | |
|--------------------------|----------|
| Mary Elizabeth Bush..... | Columbus |
| Roy Treuhaft..... | Toledo |

(Two candidates)

COLLEGE OF EDUCATION

DEAN: ARTHUR J. KLEIN

BACHELOR OF SCIENCE
IN EDUCATION

| | |
|-------------------------------|----------------------|
| *Evelyn Cencia Alvarez..... | Canton |
| Philip Rodas Anderson..... | Chillicothe |
| Geraldine Louise Barclay..... | Niagara Falls, N. Y. |

* Two diplomas.

| | |
|---------------------------------------|-------------------|
| Paul Howard Bassett..... | Fairfield |
| Mary Jane Blauser..... | Pickerington |
| Kathryn Lorna Burgess..... | Columbus |
| Cecile Frances Cassick..... | Pittsburgh, Pa. |
| William Dean Cochran..... | Nevada |
| *William Alfred Colwell..... | Columbus |
| Vivian Lucille Crites..... | Spencerville |
| Mary Catherine Davin..... | Unionville Center |
| Paul Theodore Doelker..... | Columbus |
| *Martha Bernice Evans..... | Columbus |
| Nancy Alice Ferris..... | Chillicothe |
| Gladys Roslyn Fringer..... | Altoona, Pa. |
| Richard William Gilmore..... | Columbus |
| Marjorie Gompf..... | Findlay |
| Samuel Nathan Goodman..... | Cleveland |
| Vivian Lucille Harris..... | Bluefield, W. Va. |
| Ronald William Hines..... | Midvale |
| Jay Robert Klein..... | Cleveland Heights |
| *Peggy Joy Knapp..... | Toledo |
| Margaret Lucille Lutz..... | Columbus |
| Adeline Dietemann McCready..... | Mansfield |
| *Ruth Margaret Pegg..... | Columbus |
| Florence Webster Ptak..... | Columbus |
| Elko Michael Sennish..... | Kellys Island |
| Donald Newton Sherwood..... | Columbus |
| Eva Brunt Smith..... | Sebring |
| Helen Elizabeth Vath..... | Sandy Lake, Pa. |
| Rose Rachel Weinstein..... | Rochester, N. Y. |
| Mary Margaret Wilking..... | Portsmouth |
| Elizabeth Cecilia Williams..... | Miami, Fla. |
| Mary Elizabeth Winters..... | Washington, Pa. |
| James Edward Wood, Jr..... | Columbus |
| Mary Lucretia Ziebold, B.A., M.A..... | Columbus |

(Thirty-six candidates)

BACHELOR OF FINE ARTS

| | |
|--------------------------------|----------|
| Grose Evans..... | Columbus |
| Frances Carolyn Lowry..... | Athens |
| George Frederick Schueler..... | Columbus |
| Bert Tiedeman..... | Columbus |

(Four candidates)

COLLEGE OF ENGINEERING

DEAN: CHARLES E. MACQUIGG

BACHELOR OF AGRICULTURAL ENGINEERING

| | |
|--------------------------------------|--------------|
| Paul Henry Rofkar, B.Sc. in Agr..... | Port Clinton |
|--------------------------------------|--------------|

(One candidate)

BACHELOR OF CHEMICAL ENGINEERING

| | |
|----------------------------|------------|
| Nicholas Leslie Berzy..... | Youngstown |
| Ralph Edgar Quigley..... | Sidney |

(Two candidates)

BACHELOR OF CIVIL ENGINEERING

| | |
|---------------------------|--------------|
| John Daniel Kirkwood..... | Columbus |
| James Leonard Sheaff..... | New Carlisle |
| Albert Trefny..... | Cleveland |

(Three candidates)

* Two degrees.

BACHELOR OF ELECTRICAL ENGINEERING

| | |
|------------------------------|------------|
| A. Eugene Anderson..... | Lima |
| Carmon Lavann Clay..... | Montpelier |
| Arthur Yale Dunn..... | Wooster |
| George Bainbridge Woods..... | Bainbridge |

(Four candidates)

BACHELOR OF ENGINEERING IN MINING

| | |
|-------------------------|----------------|
| Lewis S. McColloch..... | West Mansfield |
|-------------------------|----------------|

(One candidate)

BACHELOR OF INDUSTRIAL ENGINEERING

| | |
|-------------------------------------|--------------|
| Dominic Raymond Fagnano..... | Youngstown |
| Jack Douglas Fishburn..... | Forest |
| Arnold Jack Frey, B.Sc. in Edu..... | Cleveland |
| Samuel Aaron Hoke..... | New Carlisle |
| Stanley Fredrick Steiner..... | Columbus |

(Five candidates)

BACHELOR OF LANDSCAPE ARCHITECTURE

| | |
|--------------------------|-----------|
| Joseph Harvey Berry..... | Ashtabula |
|--------------------------|-----------|

(One candidate)

BACHELOR OF METALLURGICAL ENGINEERING

| | |
|-------------------------------|------------------|
| Arthur Ray Elsea..... | Columbus |
| James Frederick Kraner..... | Columbus |
| James Laverne Sutherland..... | Youngstown |
| Milton Wiener..... | New Philadelphia |

(Four candidates)

COLLEGE OF VETERINARY MEDICINE

DEAN: OSCAR V. BRUMLEY

DOCTOR OF VETERINARY MEDICINE

| | |
|-----------------------|------------------|
| Karl Thomas Espy..... | Greensburg, Ind. |
|-----------------------|------------------|

(One candidate)

COLLEGE OF MEDICINE

DEAN: JOHN H. J. UPHAM

CERTIFICATE OF GRADUATE NURSE

| | |
|----------------------------|----------|
| *Martha Bernice Evans..... | Columbus |
| *Peggy Joy Knapp..... | Toledo |
| *Ruth Margaret Pegg..... | Columbus |

(Three candidates)

JUNE CONVOCATION

GRADUATE SCHOOL

ACTING DEAN: WILLIAM LLOYD EVANS

DOCTOR OF PHILOSOPHY

| | |
|---|--------------|
| Donald Gerst Bishop, A.B. (University of Akron); A.M. (Princeton University)..... | Akron |
| Richard Campbell Brandon, A.B. (Bethany College)..... | Steubenville |
| Kenneth William Bunce, A.B. (Otterbein College); M.A..... | Westerville |
| Herman Andrew Dettwiler, B.S. (University of Wisconsin); M.Sc..... | Verona Wis. |
| William Henry Earhart, B.Ch.E., M.Sc..... | Lexington |

* Two degrees.

| | |
|---|---------------------------|
| Florence Grace Greenhoe, A.B. (Hillsdale College)..... | Pioneer |
| James Walter Grimes, Jr., B.Fine Arts, M.Fine Arts (Cornell University)..... | Columbus |
| Charles Wesley Hauck, B.Sc. in Ent., M.Sc..... | Columbus |
| George Duke Humphrey, B.A. (Blue Mountain College) ; A.M. (The University of Chicago) | |
| | Ripley, Miss. |
| DeWitt Talmadge Hunt, B.Sc. in Edu. (Oklahoma Agricultural and Mechanical College) M.A..... | Stillwater, Okla. |
| Harold Fletcher Lee, A.B. (Oberlin College) ; A.M. (The University of Chicago)..... | Cadiz |
| Anna Corinne Marshall, B.S. (Denison University) ; M.A..... | Zanesville |
| Max Manfred Muller, Diploma M.E. (Zurich Eidgenossische Technische Hochschule) | |
| | Schaffhausen, Switzerland |
| Samuel Harding Nichols, Jr., A.B. (Centre College) ; M.Sc..... | Danville, Ky. |
| Lawrence Ivan O'Kelly, B.A. (The University of Wyoming) ; M.A..... | Cheyenne, Wyo. |
| Edmund Bernard O'Leary, B.Sc. in Bus.Adm. ; A.M. (The University of Chicago)..... | Dayton |
| Milton Marvin Parker, B.S. (New York University) ; M.A..... | New York, N. Y. |
| Allen DeWitt Patterson, A.B. (Grove City College) ; A.M. (Columbia University)..... | Lock Haven, Pa. |
| Paul Valentine Reichelderfer, B.Sc. in Edu., M.A..... | Laurelville |
| Charles Albert Rohrman, B.S. (Oregon State College)..... | Pendleton, Ore. |
| Edward Harold Seofield, B.Sc. in Edu., M.A..... | Columbus |
| Wave Henry Shaffer, A.B. (Hiram College) ; M.A..... | Delta |
| Clyde Fuhrman Smith, B.S., M.S. in Agr. (Utah State Agricultural College)..... | Preston, Idaho |
| Walter Stephen Snyder, A.B. (Ashland College) ; M.A..... | Mansfield |
| Melvin Morton Spruiell, B.S. in Ch.E. (Alabama Polytechnic Institute) ; M.S. (University of Tennessee)..... | Leeds, Ala. |
| Benjamin Joseph Tepletzky, B.A., M.A..... | Port Clinton |
| Franklin Voorhees Thomas, A.B., A.M. (Indiana University)..... | Columbus |
| Herman Von Dach, B.A., M.A..... | Columbus |
| Richard Thurman Wareham, B.A., M.Sc..... | Shelby |
| Earl Everett Warner, B.A. (Ohio Wesleyan University) ; M.A..... | Delaware |
| Royal Weller, B.S. in E.E. (Massachusetts Institute of Technology) ; M.Sc..... | Columbus |
| William Craig Orr White, A.B. (Ohio University) ; M.S. (Iowa State College of Agriculture and Mechanic Arts)..... | Stockport |
| Eugene DeWald Witman, B.A..... | Steubenville |
| Elton Norris Woodbury, B.A. (Ohio Wesleyan University)..... | Delaware |
| | (Thirty-four candidates) |

MASTER OF ARTS

| | |
|---|-------------------------|
| Sadie Louise Algee, B.Sc. in Edu..... | Wilberforce |
| Cleon Carlyle Althaus, A.B. (Bluffton College)..... | Bluffton |
| Earl Ray Beck, A.B. (Capital University)..... | Columbus |
| Harold Bernard Bilsky, B.A. (Western Reserve University)..... | Cleveland |
| Joseph Knapp Boddiford, B.S. in Edu. (South Georgia Teachers College)..... | Sylvania, Ga. |
| Robert Hamlett Bremner, A.B. (Baldwin-Wallace College)..... | Berea |
| Genevieve Clark Campbell, B.Lit.I. (Emerson College of Oratory)..... | Chesapeake |
| Charles Howard Church, B.Fine Arts (School of Art Institute of Chicago) ; A.B. (University of Chicago)..... | Chicago, Ill. |
| Jean Elizabeth Cochran, B.A..... | Columbus |
| Robert Cox, B.A. (Muskingum College)..... | New Concord |
| Eleanor Hotchkiss Erb, B.A. (Ohio Wesleyan University)..... | Smithville |
| Manuel Harris Fertman, B.S. (University of Michigan)..... | Cleveland |
| Elizabeth Walcott Gordon, A.B. (Talladega College)..... | Gallipolis |
| Robert Allan Harper, B.A..... | Dayton |
| Edith Bourdette Hendrix, B.A., B.Sc. in Edu..... | Columbus |
| Richard Arthur Ibson, B.A..... | Youngstown |
| Martha Anne Imhoff, A.B. (Baldwin-Wallace College)..... | Olmsted Falls |
| Kenneth Sealer Kantzer, A.B. (Ashland College)..... | Ashland |
| Harry Ernest Kelly, A.B., B.S. in Edu. (Ohio University)..... | Ashtabula |
| Mary Virginia Kurtz, B.A. (Wellesley College)..... | Columbus |
| Katherine Kyle, B.Sc. in Edu..... | Rogersville, Tenn. |
| Robert Judson Leach, A.B. (Marietta College)..... | South Ashburnham, Mass. |
| Dale Frederick Leipper, B.Sc. in Edu. (Wittenberg College)..... | Salem |
| Edward Likover, B.A..... | Cleveland |
| Harold Hugh Loudin, B.A. (Ohio Wesleyan University)..... | Newark |

| | |
|--|----------------------|
| Harold Hance Mahoney, B.Sc. in Edu..... | Buffalo |
| Paul William Mannen, B.Fine Arts (University of Kansas)..... | Columbus |
| Harry Kennedy Martin, Jr., A.B. (Howard College)..... | Dothan, Ala. |
| Elizabeth Drum McDowell, B.A..... | Columbus |
| Sherwood Cecil McIntyre, B.A., B.Sc. in Edu..... | St. Thomas, Ont. |
| Wilfred Arthur McMurtry, A.B. (Yankton College) ; B.Fine Arts (School of the Art Institute of Chicago)..... | Chicago, Ill. |
| Paul Barnes Metzler, A.B. (Ashland College)..... | Mansfield |
| Harold Arthur Mitts, B.Sc. in Edu..... | Columbus |
| Edward Miller Moon, B.A. (Ohio Wesleyan University)..... | Marion |
| Elizabeth Mary Munger, B.S. in Edu. (Bowling Green State University) ; A.M. (University of Michigan)..... | Perrysburg |
| William Raymond Niday, B.Sc. in Edu..... | Gallipolis |
| Jean McAlpine Ogden, B.A..... | Columbus |
| Joseph Martin O'Morrow, A.B. (Wittenberg College)..... | Zanesville |
| Laurence Albert Pape, B.Sc. in Edu..... | Cincinnati |
| Victor Forrest Patterson, B.Sc. in Edu..... | Mt. Gilead |
| Juanita Rabouin Phillips, A.B. (University of California)..... | Petersburg, Va. |
| Nora Wills Porter, A.B. (Otterbein College)..... | Buford |
| Esther Elizabeth Reed, A.B. (Smith College)..... | Butler |
| Thelma Nadine Reese, B.S. (Mount Union College)..... | Alliance |
| Kathryn Buell Reichardt, A.B. (Marietta College)..... | Marietta |
| Dorothy Irene Relyea, B.Fine Arts..... | Columbus |
| Lawrence Albert Ringenberg, B.S. in Edu. (Bowling Green State University)..... | Stryker |
| Hester Adele Robinson, A.B. (Miami University)..... | Columbus |
| Howard William Rogge, B.S. in Edu. (Ohio Northern University)..... | Swanton |
| Donovan Deems Rummel, A.B. (Wittenberg College)..... | Ontario |
| Joe L. Shanahan, A.B. (Manchester College)..... | Urbana, Ind. |
| John Hatch Shevlin, A.B. (Ohio University)..... | Columbus |
| Phyllis Eugenia Smith, B.A., B.Sc. in Edu..... | Columbus |
| John Lincoln Stewart, A.B. (Denison University)..... | Granville |
| Ulysses Stanley Tartar, Jr., B.S. (Hampton Institute)..... | Cleveland |
| Edwina Thealyne Thomas, A.B. (Talladega College)..... | Winston-Salem, N. C. |
| Leona Marie Thomas, B.Sc. in Soc.Adm..... | Columbus |
| Virginia May Titus, B.A., B.Sc. in Edu..... | Columbus |
| William Shartzler Wagner, B.S. in Edu. (Bowling Green State University)..... | Bowling Green |
| Kenneth Edward Ward, B.A..... | Toledo |
| Eugene John Weigel, B.Sc. in Edu..... | Columbus |
| William Wilson Welker, A.B. (Rio Grande College)..... | Vinton |
| Kathleen Betty Williams (University of London, England)..... | Columbus |
| Dexter Eugene Woodford, B.A..... | Akron |
| Henry Klar Yaggi, B.S. (Mount Union College)..... | Salem |
| Norman Mahlon Yoder, A.B. (Baldwin-Wallace College)..... | Cleveland |
| Paul McClure Young, A.B. (Miami University)..... | Seaman |
| (Sixty-seven candidates) | |

MASTER OF ARTS

IN SOCIAL ADMINISTRATION

| | |
|--|---------------------|
| Elizabeth Albee, A.B. (Vassar College)..... | Grand Rapids, Mich. |
| Warren Barret Goodwin, B.Sc. in Soc.Adm..... | Youngstown |
| Wilma Isobel Gurney, B.Sc. in Soc.Adm..... | Canton |
| Hibbard Lamkin, B.Sc. in Soc.Adm..... | Youngstown |
| Mary Lenore McNish, B.Sc. in Edu..... | Painesville |
| Wayward Eugene Richardson, B.Sc. in Soc.Adm..... | Columbus |
| Doris Elaine White, B.A. (The Rice Institute)..... | Houston, Tex. |
| (Seven candidates) | |

MASTER OF BUSINESS ADMINISTRATION

| | |
|---|-------------|
| Robert Milton Strahl, B.A. (Muskingum College)..... | New Concord |
| (One candidate) | |

MASTER OF SCIENCE

| | |
|--|-----------------------|
| Elbert Lewis Agnew, B.Sc. in Agr..... | Poland |
| Raymond James Anderson, Ch.E. (Rensselaer Polytechnic Institute)..... | Fremont |
| Julia Langhorne Appleton, B.A..... | Columbus |
| Robert Clarkson Baxter, Jr., B.A. (The College of Wooster)..... | East Liverpool |
| Irving Israel Bezman, B.S. (The College of the City of New York)..... | Brooklyn, N. Y. |
| John Howard Bigelow, A.B. (Denison University)..... | Granville |
| Sidney Milton Blitzer, B.S. (The University of Toledo)..... | Toledo |
| Thomas Maxwell Bloomer, B.E.E..... | Maumee |
| Charles Wesley Botts, B.S. (Otterbein College)..... | Westerville |
| Margaret Fitzgerald Bremner, B.Sc. in H.E..... | Berea |
| Sydney Joseph Brooks, B.Cer.E..... | Cleveland |
| Charles Elford Carpenter, B.S. (Furman University)..... | Greenville, S. C. |
| Samuel Theodore Carpenter, B.C.E..... | Montpelier |
| Robert Wayne Conaway, B.Ch.E..... | Dennison |
| John Franklin Day, B.Cer.E..... | Columbus |
| Frederick Eastman, B.Ch.E..... | Fremont |
| Robert Howard Edgerley, B.S. (Capital University)..... | Johnstown |
| James Moritz Evans, B.S. in E.E. (Rutgers University)..... | Somerville, N. J. |
| John Arthur Fluno, B.S. (Rollins College)..... | Winter Park, Fla. |
| Harry Foreman, B.S. (Antioch College)..... | Dayton |
| Louis Augustus Gleitsman, B.A..... | Akron |
| Norman Louis Haldy, B.Cer.E..... | Columbus |
| Frank Errett Hamilton, B.A.; M.D. (University of Pennsylvania)..... | Washington C. H. |
| William Edwin Hendrix, B.A..... | Columbus |
| Katherine Roberta Klick, B.S. (Elmhurst College)..... | Columbus |
| Harlin Gill Knierim, B.A., M.D..... | Columbus |
| Hugo Leander Libby, B.S. (Oregon State College)..... | Salem, Ore. |
| Arthur Philip Lien, A.B. (Ottawa University)..... | Chanute, Kan. |
| John Tobias Long, Jr., B.A..... | Dayton |
| Milton Sidney Lycan, B.S. (Morris Harvey College)..... | Fort Gay, W. Va. |
| Russell Martin Madison, D.V.M. (Kansas State College of Agriculture and Applied Science) | |
| | Slayton, Minn. |
| Lillian Marks, B.A..... | Columbus |
| Elizabeth May McCormick, B.Sc. in Edu..... | Columbus |
| James Herbert McLeod, B.S. (Ontario Agricultural College)..... | Napanu, Ont. |
| John Marcus Mead, B.S. (University of Illinois)..... | Western Springs, Ill. |
| Ernest Molnar, B.M.E..... | Columbus |
| John Anthony Nachowitz, B.S. in M.E. (University of Illinois)..... | Berwyn, Ill. |
| Reynaldo Nadal Grau, B.S. in Agr. (University of Puerto Rico)..... | Mayaguez, P. R. |
| Norman Maxwell Nelson, D.V.M. (Iowa State College)..... | Cherokee, Ia. |
| Alexander Newhouse, B.Ch.E..... | Columbus |
| Frederick Adolph Petersen, B.S. (University of Illinois)..... | Chicago, Ill. |
| Delmer Corwin Ports, B.S. in E.E. (George Washington University)..... | Arlington, Va. |
| Robert Sidney Radow, B.Ch.E..... | Columbus |
| Ellsworth Edwin Reese, B.Sc. in App.Opt..... | Westerville |
| Harry Edward Risher, B.A..... | Leetonia |
| Cleo Anita Roberts, B.Sc. in H.E..... | Westerville |
| Virgil Benton Robinson, D.V.M. (Alabama Polytechnic Institute)..... | Clanton, Ala. |
| Sanford Becker Rosenman, B.S. (University of Akron)..... | Akron |
| George William Schneider, B.Sc. in Agr..... | East Canton |
| James Clinton Settles, B.Arch.E..... | Newark |
| Randal Eugene Smith, B.Ch.E..... | Mineral Ridge |
| Lawson William Stoneburner, B.A. (The College of Wooster)..... | Wooster |
| Wesley Harvey Stoneburner, B.A. (The College of Wooster)..... | Wooster |
| Paul Laurence Suter, B.A. (The College of Wooster)..... | Youngstown |
| George Schambs Tobias, B.Ch.E..... | Mansfield |
| Harry Bernard Warner, B.Ch.E..... | Columbus |
| Willis William Webster, B.A..... | East Canton |
| Frank Carlin Weimer, B.S. in E.E. (Ohio University)..... | Dayton |
| George Peter Wene, A.B. (Park College)..... | Austinburg |
| Marshall Kenneth Whisler, B.Sc. in Agr..... | Ashland |
| Ervin Ray Williams, B.S. (Kent State University)..... | Cuyahoga Falls |

| | |
|---|------------------------|
| Burton Meyer Wolf, B.Ch.E..... | Van Wert |
| Judson Rudolph Wynkoop, B.A..... | Canal Winchester |
| Kenneth Frederick Zitzman, B.S. (United States Military Academy)..... | Ridgefield Park, N. J. |
| (Sixty-four candidates) | |

MASTER OF SCIENCE
IN PUBLIC ADMINISTRATION

| | |
|---|-------------------|
| Carl Isaac Winner, B.Sc. in Bus. Adm..... | Cleveland Heights |
| (One candidate) | |

COLLEGE OF MEDICINE
DEAN: JOHN H. J. UPHAM

DOCTOR OF MEDICINE—WITH HONORS

| | |
|---|--------------|
| Annie Lois Atkinson, B.A..... | Columbus |
| Lillian B. Brant, A.B. (Cleveland College)..... | Cleveland |
| *Emma Marie Burkey..... | McDonald |
| David Norman Farber, B.A..... | Cleveland |
| Arthur Glenn Groscost, B.A..... | Columbus |
| Eldred Benjamin Heisel, B.A. (University of Akron)..... | Akron |
| George Ogden Kress..... | Sardinia |
| Willis Thomas Kubiak..... | Youngstown |
| Blanche B. Montgomery Meyer, B.A., B.Sc. in Edu., M.A., Ph.D..... | Columbus |
| Marguerite Gregory Oliver, A.B. (University of California) ; M.A..... | Newark |
| Alexander Pollack, B.A..... | Columbus |
| Galon Spacht Rodabaugh, A.B. (Manchester College)..... | Williamstown |
| Paul William Schafer, B.A..... | Caldwell |
| Jack Samuel Silberstein, B.A..... | Columbus |
| Raymond Merton Slabaugh, B.A..... | Columbus |
| (Fifteen candidates) | |

DOCTOR OF MEDICINE

| | |
|--|-----------------------------|
| Lambert James Agin..... | Morrow |
| Samuel Allen, B.A..... | East Liverpool |
| Benjamin Arnoff, A.B. (University of Michigan) ; M.A..... | Lakewood |
| Curtis Price Artz, Jr..... | Hilliards |
| Walter Frederick Bartz, A.B., B.S. (Capital University)..... | Woodville |
| Robert David Berkebile..... | Jewell |
| Jack Jerome Berry, B.A., M.A..... | Cleveland |
| Merwin Russell Blanden, B.S. (Allegheny College) ; M.A..... | Toledo |
| Robert Eugene Bowsher..... | Toledo |
| Olan Philip Burt, B.A..... | Londonderry |
| Wendell Allen Butcher, B.A. (Ohio Wesleyan University)..... | Lancaster |
| William Howard Carter..... | Ravenna |
| Hugh Carlton Dorr, B.A..... | Columbus |
| Robert Alfred Everhart, A.B. (Ohio Northern University)..... | Ada |
| Gordon Soister Fessler, A.B. (Miami University)..... | Portsmouth |
| Henry Herman Fineberg, B.A..... | Cleveland Heights |
| Robert Neal Finnical, B.A..... | Cadiz |
| Rosendo Forteza, Jr., B.A..... | San Pedro de Macoris, D. R. |
| Harry Harvey Fox, B.A..... | Cleveland |
| Thomas Woodward Frame, B.A. (Muskingum College)..... | Byesville |
| Henry Joy Francis, B.A..... | Troy |
| Joseph Edward Ghory..... | Cincinnati |
| James Dudley Goodman, B.A. (Western Reserve University)..... | Cleveland |
| Elton Bernard Gudenkauf, B.A..... | Minster |
| Donald Charles Haugh..... | Wellsville |
| Benjamin Lee Hawkins..... | Cincinnati |
| James Glenn Healey, B.Sc. in Edu., B.A..... | Columbus |

* Two degrees.

| | |
|---|-------------------|
| Desmond Duane Kackley, B.A. | Galion |
| Homer Ivan Keck, B.A. | Canton |
| Gilbert Dick Keil | Woodyville |
| *Bayard Martin Keller | Cuyahoga Falls |
| Victor Nial Kistler, B.A. | Carroll |
| *Earl Perry Knisely | Columbus |
| Arnold Bailey Kurlander | Cleveland Heights |
| *Warren Anthony Lapp | Norwood |
| Armond Leo Leibovitz, B.A. (University of Akron) | Akron |
| George Honnold Lemon, B.Sc. in Edu.; M.A. (New York University) | Norwood |
| Thomas Samuel Levin, A.B. (University of Cincinnati) | Cincinnati |
| *Richard Carl Light | Lima |
| Henry Andrew Long, B.A. | Hamilton |
| *William Fredrick Lovebury | Columbus |
| John McConagha Lowery, B.A. (Muskingum College) | New Concord |
| Richard Adolphus Lucas, B.A. | Columbus |
| George Isaac Martin | Blanchester |
| James Hugh McCreary, B.A. | Columbus |
| Max Alfred Mendelson, B.A. | Bellaire |
| Harold Maurice Messenger, B.A. | New London |
| Robert Keith Miles, A.B. (Hiram College) | Burghill |
| John Arthur Moss | Barberton |
| Helen Louise Pierson, B.A. | Van Wert |
| Pliny Austin Price, B.A. | Leesville |
| Aaron Julius Reiches, B.A., M.A. | Cleveland |
| Franklyn Gilbert Rice, B.A. | East Cleveland |
| Harold Kersey Roberts, B.A. | Urbana |
| Harold Eastman Root, A.B. (Columbia University); B.S. (Kent State University) | Kingsville |
| John Richard Ross, B.Sc., M.A. | Bellevue |
| Dell Anderson Russell | Middleport |
| Ralph Bailey Samson, B.A. | London |
| William Herbert Schumaker, B.A. (Western Reserve University) | Lorain |
| Robert Kenneth Scott, B.A. | Coalton |
| *Ralph Herbert Shilling | Columbus |
| William Ridley Sparling, B.A. | London |
| George Thomas Stine, B.A. | Columbus |
| Frank Ternocky, B.A. | Mansfield |
| Gerald Newton Wilson, B.A. | Columbus |
| Wolfe Zapolan, B.A. | Columbus |

(Sixty-six candidates)

COLLEGE OF LAW

DEAN: HERSCHEL W. ARANT

JURIS DOCTOR

| | |
|---|----------|
| Robert Hanna Jones, B.A. | Columbus |
| John Grindle Sarber, B.A. (as of the Class of June, 1938) | Lima |
| Ithamar Dryden Weed, A.B. (Ohio University) | Pomeroy |

(Three candidates)

BACHELOR OF LAWS

| | |
|---|----------------|
| Robert Curtis Alexander, A.B. (Denison University) | Cuyahoga Falls |
| Franklyn Warner Bair | Youngstown |
| Robert William Beamer | Sandusky |
| James Finley Bell, Jr., A.B. (De Pauw University) | London |
| Louis Berwitt | Cleveland |
| Katherine Margaretta Beynon, A.B. (Ohio University) | Amsterdam |
| Anna Faye Blackburn, A.B. (Ohio University) | Otway |
| James Elliott Brandon, A.B. (Bethany College) (as of the Class of 1938) | Steubenville |
| Jerome Herman Brooks | Rossford |

* Two degrees.

| | |
|---|--------------------|
| Paul Wesley Brown, B.A..... | Youngstown |
| William Adley Calhoun (as of the Class of June, 1938)..... | Bloomington |
| Max Caplan..... | Salem |
| William Luther Coleman..... | Marysville |
| John Dominic Connor, B.A..... | Columbus |
| Edward Jay Cox..... | Columbus |
| Joseph Franklin Dush, B.A..... | Newark |
| Warren Scofield Earhart..... | Columbus |
| Joseph Herman Ellison, B.A..... | Mansfield |
| John Edward Engelken..... | Greenville |
| Honora Alfred Glasco, B.A..... | Columbus |
| James Merton Gorman..... | Tippecanoe City |
| Justin John Gribbell..... | Deshler |
| Edward Francis Hackett, B.A..... | London |
| Paul Thomas Hart..... | Columbus |
| Charles Summers Hendershot..... | Zanesville |
| John Gareth Hitchcock..... | Middle Point |
| Joe Herman Kahn, B.Sc. in Bus.Adm. (as of the Class of June, 1938)..... | Akron |
| Samuel William Kerr, B.S. (Washington and Jefferson College)..... | Steubenville |
| *Edward Cecil King..... | Hubbard |
| Michael William Kosach, B.A..... | North Jackson |
| Clarence Vernon Lee..... | Charleston, W. Va. |
| Leon Paul Loechler..... | Columbus |
| Ruth Mager, B.A..... | Columbus |
| Eugene John Mahoney..... | Columbus |
| Arthur Wallace Meifert..... | Rocky River |
| Robert James Merry..... | Zanesville |
| Harold Benjamin Metcalf (as of the Class of June, 1938)..... | Bucyrus |
| Ross Charles Miller..... | Toledo |
| John Seerest Mitchell, B.A. (Ohio Wesleyan University)..... | St. Clairsville |
| Robert Joseph Montgomery..... | Columbus |
| Lowell Murr..... | Dayton |
| Carl Gaeton Nappi..... | Columbus |
| John Bernard Nordholt, Jr..... | Toledo |
| Richard Lotton Oldham..... | Dayton |
| Myron Drake Oliver, B.A..... | Columbus |
| Arthur Emanuel Orlean..... | Cleveland |
| Harry Manley Price..... | Forest |
| Robert Oliver Read, B.Sc. in Bus.Adm..... | Columbus |
| James Frazer Redinger..... | Ellet |
| Charles Arthur Reynard, B.Sc. in Bus.Adm..... | Springfield |
| Paul West Rion, B.Sc. (University of Dayton) (as of the Class of June, 1938)..... | Dayton |
| Karl Ruediger..... | Washington, D. C. |
| Harold Scherl..... | Cleveland Heights |
| Bernard Samuel Schrager..... | Monessen, Pa. |
| Arthur Morrison Sebastian, B.A..... | Columbus |
| Charles Kenneth Spreng, B.Sc. in Bus.Adm..... | Mansfield |
| Herman Grelle Stalter (as of the Class of June, 1938)..... | Upper Sandusky |
| Eugene Weaver Steel..... | Kingston |
| Harold Stein..... | Youngstown |
| Leo Dale Stone, B.A. (Ohio Wesleyan University)..... | Delaware |
| Leon Norman Stone, B.Sc. in Bus.Adm..... | Dayton |
| Paul Duard Strader, Jr..... | Salem |
| Henry Matthias Thullen, B.A..... | Poland |
| Mell Gilbert Underwood, Jr..... | Columbus |
| Paul Francis Ward..... | Steubenville |
| George David Young..... | Kingston |

(Sixty-six candidates)

* Two degrees.

COLLEGE OF DENTISTRY

ACTING DEAN: WENDELL D. POSTLE

DOCTOR OF DENTAL SURGERY

| | |
|--|-----------------------|
| Sylvan Hyman Bank, B.S. (University of Virginia) | Williamson, W. Va. |
| Harold Edmund Barlow, B.A. | Hudson |
| Dudley Marshall Beatty | Mingo Junction |
| Irving Herman Berkeley | Brooklyn, N. Y. |
| Edgar Louis Berre | Cincinnati |
| Charles Russell Blaine | Frazeyburg |
| Murry Bernard Brody, B.A. | Akron |
| Robert Busch | Rockaway Beach, N. Y. |
| Reinaldo Carrasquillo, A.B. (Miami University) | Guayama, P. R. |
| Charles Francis Cassidy | Columbus |
| Nova Alvenza Christman | Woodsfield |
| Richard William Donovan, A.B. (Bethany College) | Martins Ferry |
| Charles George Durand | Vineland, N. J. |
| Sanford Allan Dworkin | Cleveland |
| David Wilson Edwards, A.B. (Wittenberg College) | New Philadelphia |
| Paul Benedict Goldsmith | New York, N. Y. |
| Herman Barney Groman | Martins Ferry |
| Paul Vernon Haight, Jr. | Columbus |
| William Roy Hendricks | Norwood |
| Joe Jack Hoffrichter, B.A. | East Liverpool |
| Joseph John Hurray, B.S. (St. Vincent College) | Salem |
| Andrew Harold Imhoff | Columbus |
| George Menelaus Jameson, B.S. (Kent State University) | Akron |
| Earl Henry Kinsey, A.B. (Bethany College) | Uhrichsville |
| James Forney Kirk, B.A. | Canton |
| Rodney Van Kirk | Flushing |
| Daniel Gerald Kleinblatt, B.A. (New York University) | New York, N. Y. |
| Lloyd Ray Larcom | Ostrander |
| Ludwig Laudisi | East Elmhurst, N. Y. |
| Robert Berlin Long | Lima |
| John Robert Longfellow, B.S. (University of Dayton) | Dayton |
| George Samuel Mathiott | Portsmouth |
| Paul Herbert Maurer | Sidney |
| Robert Jorgensen Mayer | Columbus |
| Lowell Edison McKelvey, B.A. | Columbus |
| William Roy Mellor | Uhrichsville |
| Francis Elmore Menendez | Riverhead, N. Y. |
| John William Nisius | Cleveland |
| Jerome Joseph Orgel | Bellaire, N. Y. |
| Doyle Conway Ott, B.A. (Ohio Wesleyan University) | New Washington |
| David Browne Pearson, Jr. | Solon |
| Robert Kyle Pollock | Ashland |
| Raymond Floyd Pope | Patriot |
| Richard Lewis Rosenblatt | New York, N. Y. |
| Peter Paul Ross | Youngstown |
| Philip Sacks | Newark, N. J. |
| Philip Nathaniel Shapiro, B.A. | Jersey City, N. J. |
| Richard Storey Simmonds, B.A. (Ohio Wesleyan University) | Cincinnati |
| Thomas Chesteen Smith, B.A. (Ohio Wesleyan University) | Harrison |
| Arthur Milton Soroko | Brooklyn, N. Y. |
| Paul Studin, A.B. (University of Alabama) | Middletown, N. Y. |
| Woodrow Wilson Taylor | Cuyahoga Falls |
| Harold Earl Voss | Columbus |
| Richard Frank Warren | Columbus |

(Fifty-four candidates)

COLLEGE OF VETERINARY MEDICINE

DEAN: OSCAR V. BRUMLEY

DOCTOR OF VETERINARY MEDICINE

| | |
|--|---------------------|
| William Gust Andberg, B.S. (University of New Hampshire) | West Concord, N. H. |
| Richard Edward Baer | Columbus |
| Ralph David Barner | Youngstown |
| Francis Gene Barrett | Reynoldsburg |
| Joseph Herman Berger | Mishawaka, Ind. |
| Paul Emerson Boyer | Ashland |
| Charles Millette deVarennes | Quincy, Mass. |
| Russell Baird Dickason | Wellington |
| Milton Roscoe Evans | Long Beach, Calif. |
| Elkana Malcolm Finney | Cedarville |
| Charles William Fox | Sycamore |
| Sherman Albert Glass | Cleveland Heights |
| Paul Louis Hanawalt | Kenton |
| William Kenneth Harris | Marengo |
| James Robert Hay, B.A. | Columbus |
| Oliver Perry Heller | Waterville |
| Benjamin Schubert Henson | Shelby |
| John Donald Hisgen | Chicago, Ill. |
| Edgar Martin Houreshell | Lewisburg |
| Raymond Ralph Houser | Findlay |
| Harold David James | Yellow Springs |
| Irvin Emmitt Kuhn | Manilla, Ind. |
| Thaddeus Edward Lisowski | Cranford, N. J. |
| Harry Martin Mauger, Jr. | Columbus |
| Lyle Paden Maxwell | Ottawa |
| David Bryant McBride | St. Clairsville |
| Samuel Melworth | Cleveland |
| Michael Michaelides, B.S. (University of Dayton) | Dayton |
| Karl Huber Muntz | Holgate |
| Edward Porter Peck, II. | Colonia, N. J. |
| Elizabeth Newkirk Peck | River Edge, N. J. |
| Walter Dominic Primerano | New Rochelle, N. Y. |
| Sigmund Theodore Reich | Cleveland |
| Ernest William Rivers | Stoneham, Mass. |
| Martin Allen Ross | Mason |
| Maurice R. Shale | Brooklyn, N. Y. |
| LaMont Hilton Shultzman | Orrville |
| Gail Bevington Smith | Ohio City |
| Emmett Woodrow Spieth | Charlestown, Ind. |
| Earl Melvin Sprunger | Wooster |
| James Lee Stansbury | Athens |
| Willard Mason Strawn | Milford Center |
| Robert Coolidge Sweetser, B.S. (University of New Hampshire) | Greenland, N. H. |
| Frederick John Tacke | Columbus |
| Ralph Harold Wadsworth | Mansfield |
| George Walmsley | New Bedford, Mass. |
| Paul Morgan Washburn | Oak Hill |
| Robert Dudley Way | Medina |

(Forty-eight candidates)

CANDIDATES FOR TWO DIPLOMAS

| | |
|----------------------------------|----------|
| Betty Marie Barker | Columbus |
| Bachelor of Arts | |
| Bachelor of Science in Education | |
| Mary Helen Bauder | Powell |
| Bachelor of Science in Education | |
| Certificate of Graduate Nurse | |

| | |
|--|----------------|
| Barbara Anne Boughton..... | Columbus |
| Bachelor of Arts | |
| Bachelor of Science in Education | |
| Doris Lucille Buckner..... | Columbus |
| Bachelor of Arts | |
| Bachelor of Science in Education | |
| Virginia Kathryn Buker..... | Killbuck |
| Bachelor of Science in Education | |
| Certificate of Graduate Nurse | |
| Emma Marie Burkey..... | McDonald |
| Doctor of Medicine | |
| Bachelor of Arts | |
| Leland Andrew Byerly..... | Cleveland |
| Bachelor of Arts | |
| Bachelor of Science in Business Administration | |
| John Irvin Carlson..... | Stow |
| Bachelor of Arts | |
| Bachelor of Science in Education | |
| Edward Peter Cory..... | Akron |
| Bachelor of Arts | |
| Bachelor of Science in Education | |
| Hazel Merrill Davis..... | Columbus |
| Bachelor of Arts | |
| Bachelor of Science in Education | |
| Betty Rose Ehrhart..... | Columbiana |
| Bachelor of Arts | |
| Bachelor of Science in Education | |
| Elizabeth Hope Euans..... | Columbus |
| Bachelor of Arts | |
| Bachelor of Science in Education | |
| Glenna Vail Hartley..... | Cambridge |
| Bachelor of Science in Education | |
| Certificate of Graduate Nurse | |
| Margaret Catherine Henry..... | Pataskala |
| Bachelor of Arts | |
| Bachelor of Science in Education | |
| Jeannette May Hillman..... | Columbus |
| Bachelor of Arts | |
| Bachelor of Science in Education | |
| Fred George Hobbs..... | Dayton |
| Bachelor of Arts | |
| Bachelor of Science in Education | |
| Nancy Elizabeth Jones..... | Westerville |
| Bachelor of Arts | |
| Bachelor of Science in Education | |
| Bayard Martin Keller..... | Cuyahoga Falls |
| Doctor of Medicine | |
| Bachelor of Arts | |
| Edward Cecil King..... | Hubbard |
| Bachelor of Laws | |
| Bachelor of Arts | |
| Earl Perry Knisely..... | Columbus |
| Doctor of Medicine | |
| Bachelor of Arts | |
| Warren Anthony Lapp..... | Norwood |
| Doctor of Medicine | |
| Bachelor of Arts | |
| Richard Carl Light..... | Lima |
| Doctor of Medicine | |
| Bachelor of Arts | |
| William Fredrick Lovebury..... | Columbus |
| Doctor of Medicine | |
| Bachelor of Arts | |

| | |
|--|-------------|
| Franklin Gail Miller..... | Lima |
| Bachelor of Arts | |
| Bachelor of Science in Business Administration | |
| Hester Fern Murray..... | Seville |
| Bachelor of Arts | |
| Bachelor of Science in Education | |
| Thelma Elizabeth Parker..... | Wooster |
| Bachelor of Science in Education | |
| Certificate of Graduate Nurse | |
| Ellen Mae Price..... | Columbus |
| Bachelor of Arts | |
| Bachelor of Science in Education | |
| Rose Ellen Reed..... | Findlay |
| Bachelor of Science in Education | |
| Certificate of Graduate Nurse | |
| Ellen Agnes Roller..... | Pemberville |
| Bachelor of Science in Education | |
| Certificate of Graduate Nurse | |
| Grace Odile Schaffner..... | Columbus |
| Bachelor of Arts | |
| Bachelor of Science in Journalism | |
| Judith May Schlegel..... | Ashville |
| Bachelor of Science in Education | |
| Certificate of Graduate Nurse | |
| Charles Louis Semmelman..... | Columbus |
| Bachelor of Industrial Engineering | |
| Bachelor of Science in Physics | |
| Ralph Herbert Shilling..... | Columbus |
| Doctor of Medicine | |
| Bachelor of Arts | |
| Charles Fielding Steinman..... | Columbus |
| Bachelor of Arts | |
| Bachelor of Science in Business Administration | |
| (Thirty-four candidates) | |

BACCALAUREATE DEGREES

COLLEGE OF AGRICULTURE

DEAN: JOHN F. CUNNINGHAM

BACHELOR OF SCIENCE IN AGRICULTURE

| | |
|---------------------------------|-------------------|
| Fred Orville Abel..... | Pennsville |
| Paul Haymond Alleshouse..... | Baltic |
| Hugh Hilliard Austermiller..... | Napoleon |
| Philip Edloe Bacon, Jr..... | London |
| Mason Raymond Bagley..... | Burton |
| Lester William Bailey..... | Tacoma |
| Wilfred James Barnhart..... | New Carlisle |
| Wilbur Lewis Beach..... | Arlington |
| Wendell LeVerne Beales..... | Burton |
| James Richard Beam..... | Columbus Grove |
| Arthur Charles Beasley..... | Camden |
| Lloyd Clarence Burkey..... | Sugarcreek |
| Kenneth Alden Bush..... | Washington, C. H. |
| Robert Dawson Clymer..... | Westerville |
| William Lindsey Cook..... | Circleville |
| Forrest Wade Cutlip..... | Little Hocking |
| Raymon Oral Deacon..... | New Madison |
| Robert Washington Dennis..... | Bellaire |
| George Godfred Dubach..... | Ashtabula |

| | |
|--|--------------------|
| David Ridge Dugan..... | Perry |
| Ralph William Duncan..... | Shaker Heights |
| Milan Graddon Dunham..... | Edon |
| Joseph Early Elliot..... | West Mansfield |
| Carl Paul Engelman..... | Lakewood |
| Margaret India Farley..... | Columbus |
| Edgar Hamilton Fawley..... | Lynchburg |
| Charles Harold Fenstermaker..... | Baltimore |
| Joseph Augustus Ferrante..... | Portsmouth |
| Kenneth Arnold Gearhart..... | Mt. Vernon |
| Vernon Ellis Gifford..... | Chagrin Falls |
| Dale William Gillespie..... | Woodsfield |
| Wallace Alonzo Gillogly..... | Albany |
| John Thomas Hamilton..... | Lecta |
| James Foster Harrington..... | Bedford |
| Robert Edwin Hartsock..... | Dayton |
| Raymond Francis Hasek..... | Cleveland |
| Andrew George Hauge..... | Fairmont, W. Va. |
| Sterling Leonard Hill..... | Berlin Heights |
| Stanley Thomas Hoskin..... | Grafton |
| Donald Henry Hutchinson..... | Batavia |
| James Carlton Jenkins..... | McConnelsville |
| Robert Theodore Johnson..... | Fredericktown |
| Edward Jefferson Keirns..... | Amesville |
| Elton Edward Kinney..... | Rushsylvania |
| Edwin James Krill..... | Bryan |
| Wilbur Doyle La Rue..... | Lima |
| William H. Laybourne..... | Springfield |
| Fred Ellsworth Locke..... | Dalton |
| Harold H. Loxley, A.B. (Defiance College)..... | Greenville |
| Floyd Lawrence Madden..... | De Graff |
| Robert Vergon Main..... | Delaware |
| Emil Malinovsky..... | Avon |
| Crosby Miller Manchester, Jr..... | Lakeview |
| James Wilfred McDonald..... | Jamestown |
| Vernon A. McNair..... | Covington |
| Alvin Clyde Moll..... | Wauseon |
| Earl Culp Nelson..... | Minerva |
| William Hill Nesbitt..... | Shadyside |
| Austin Sloan Peters..... | Columbus |
| Kenneth DeMarr Peterson..... | Carrollton |
| Charles Gregg Phillips..... | West Jefferson |
| Lewis Dwight Rader..... | McComb |
| Robert Evans Reno, III..... | Portsmouth |
| Harlan Eugene Ridenour..... | Fredericktown |
| Alfred Taylor Rider..... | Cleveland |
| Frederick Henry Roehm..... | Dayton |
| Dale Franklin Runnion..... | Van Wert |
| Fred Schilling..... | Germantown |
| Ralph Earl Schramm..... | Oberlin |
| Leland Delmar Schuler..... | Killbuck |
| William Dale Scott..... | Albany |
| James Bates Shanks..... | Bloomington |
| Darian Hunt Smith..... | Upper Sandusky |
| James Irvin Steiner..... | Bluffton |
| Howard Wendell Strait..... | Delaware |
| Joseph Buryl Taggart..... | Mannington, W. Va. |
| Daniel Lloyd Thomas, Jr..... | Cleveland |
| Ernest James Thomas..... | Alexandria |
| Donald Portz Troendly..... | Newcomerstown |
| Stanley Irving Tschantz..... | Dalton |
| William Edward Wagner..... | Mt. Victory |
| Thomas Hugh Weight..... | Newark |

| | |
|---------------------------------|-----------|
| Norris Ernest Welch..... | Vermilion |
| John Robert Wilson..... | Sunbury |
| Thomas Franklin Wonderling..... | Gambier |
| Frank Grover Woodin..... | Columbus |
| William Stanley Woods..... | Maumee |
| Cloyd Ernest Zehner..... | Ashland |
| Russell George Zimmerman..... | Wooster |

(Eighty-nine candidates)

BACHELOR OF SCIENCE
IN HOME ECONOMICS

| | |
|---------------------------------|--------------------|
| Mary Louise Allaire..... | Rocky River |
| Alice Oca Anderson..... | Columbus |
| Coral Blue Becker..... | Sidney |
| Margaret Ann Benham..... | Bay Village |
| Grace Elizabeth Blakeslee..... | Rocky River |
| Ruth Jeannette Brown..... | Columbus |
| Margaret Laverne Burkley..... | Grafton |
| Lorabel Callaway..... | Marysville |
| Phyllis Dorothy Canowitz..... | Columbus |
| Janet Krelick Carr..... | Fremont |
| Esther Jane Conine..... | Pataskala |
| Evelyn Lenore Cox..... | Cuyahoga Falls |
| Anna Jean Dally..... | West Mansfield |
| Harriet Lucille Deibel..... | Columbus |
| Mary Ann Fite..... | Georgetown |
| Frances Jane Goodfellow..... | Springfield |
| Janet Katherine Greiner..... | Columbus |
| Alice Marie Grubb..... | Akron |
| Dorothy Alvera Haines..... | Van Wert |
| Lolita Helen Harper..... | Ironton |
| Ruth Eleanor Harrington..... | Strongsville |
| Catherine Harsha..... | Hillsboro |
| Betty Ann Herl..... | Columbus |
| Jennith Eileen Hughes..... | New Lexington |
| Elizabeth Ann Jarosi..... | Rossford |
| Lillian Cecelia Kemper..... | Logan |
| Catherine Louise Kessler..... | Centerburg |
| Ada Gertrude Kline..... | Columbus |
| Mary Caroline Leutz..... | Oak Harbor |
| Shirley Pearl Levine..... | Youngstown |
| Elizabeth Marsh..... | Plain City |
| Marcella Anna Martin..... | Cleveland |
| Winifred Jean Masson..... | Lorain |
| Rebecca Cochran McClannan..... | Hamilton |
| Dorothy Lucile McDaniel..... | Windham |
| Jean Frances Mellor..... | Columbus |
| Gladys Irene Miller..... | Green Springs |
| Margaret Zoe Miller..... | Alliance |
| Clara Belle Motter..... | Wharton |
| Dorothy Marie Myers..... | Columbus |
| Alice Maxwell Noble..... | Oneonta, N. Y. |
| Hannah Jane Owen..... | Newark |
| Jeannette Annabell Owens..... | Napoleon |
| Helen Elizabeth Raup..... | Springfield |
| Mary Campbell Reid..... | Columbus |
| Mary Elizabeth Reiter..... | West Mansfield |
| Lois Rhoad..... | Bloomville |
| Charlotte Elizabeth Rhodes..... | Ashville |
| Rose Elizabeth Rickey..... | Sidney |
| Mary Elizabeth Riffe..... | Charleston, W. Va. |
| Patty Alma Roth..... | Lima |
| Dottie Lois Schmidt..... | New Bremen |

| | |
|-----------------------------------|-----------------|
| Roberta Jane Schulz..... | Columbus |
| Ruth Elaine Sharr..... | Worthington |
| Betty Ann Smith..... | Columbus |
| Eileen Smith | West Alexandria |
| Ruth Elizabeth Stockdale..... | Columbus |
| Eileen Strauss..... | Sumter, S. C. |
| Mary Jeanette Taggart..... | Wooster |
| Elizabeth Mary Thompson..... | Columbus |
| Phyllis Louise Tining..... | Lakewood |
| Nyda Pauline Tope..... | Sedalia |
| Martha Mae Ulrich..... | Farmersville |
| Betty Jane Vandemark..... | Elyria |
| Mae Voltz..... | Ohio City |
| Elizabeth Ann Wallrabenstein..... | Milan |
| Frances Marian Watson..... | Columbus |
| Anne Elizabeth Weiant..... | Newark |
| Helen Louise Wildermuth..... | Columbus |

(Sixty-nine candidates)

COLLEGE OF ARTS AND SCIENCES

DEAN: BLAND L. STRADLEY

BACHELOR OF ARTS—WITH HONORS

| | |
|---|-------------------|
| Robert Milford Anderson (cum laude)..... | Mt. Vernon |
| Cyril Barter (summa cum laude)..... | Cleveland |
| *Barbara Anne Boughton (cum laude)..... | Columbus |
| *Emma Marie Burkey (cum laude)..... | McDonald |
| Ruth Reed Butler (summa cum laude and with High Distinction in Biological Science) .. | Columbus |
| Henry Hyman Chanan (with Distinction in Chemistry)..... | Cleveland |
| Richard Eugene Curl (cum laude and with High Distinction in Political Science)..... | Edison |
| *Hazel Merrill Davis (cum laude)..... | Columbus |
| Emily Jane Everhart (cum laude and with Distinction in Bacteriology)..... | Columbus |
| Ronald James Gledhill (cum laude and with Distinction in Chemistry)..... | Cleveland Heights |
| Morton Irvin Grossman (cum laude)..... | Canton |
| *Jeannette May Hillman (cum laude)..... | Columbus |
| Dorothy Immerman (cum laude)..... | Columbus |
| Jean Marion Knight (with Distinction in Sociology)..... | Columbus |
| Robert Clarence Kuder (summa cum laude and with Distinction in Chemistry).... | Bowling Green |
| Roy Albert Riggs (cum laude)..... | Columbus |
| *Grace Odile Schaffner (cum laude)..... | Columbus |
| Ivan Clair Schmidt (cum laude)..... | Marion |
| Sam Seifter (with Distinction in Chemistry)..... | Cleveland |
| Mildred Annette Sheatsley (cum laude and with Distinction in English)..... | Columbus |
| Shirley Ann Tice (cum laude)..... | Columbus |
| Philip Roger Vandeman (cum laude)..... | Dayton |
| Jean Antoinette Weisman (cum laude)..... | Newark |
| Barbara Bauter Wilcox (summa cum laude)..... | Columbus |
| Hoyland Jeanne Yantes (cum laude and with Distinction in English)..... | Columbus |

(Twenty-five candidates)

BACHELOR OF SCIENCE

IN JOURNALISM—WITH HONORS

| | |
|---|----------|
| Elizabeth Ryburn Kuntz (cum laude)..... | Dayton |
| *Grace Odile Schaffner (cum laude)..... | Columbus |

(Two candidates)

BACHELOR OF SCIENCE

IN OPTOMETRY—WITH HONORS

| | |
|---|-----------------|
| Harry Borowitz (cum laude)..... | Brooklyn, N. Y. |
| Henry William Hofstetter (cum laude)..... | Huntsburg |
| Israel Teitelbaum (cum laude)..... | Johnstown, Pa. |

(Three candidates)

* Two degrees.

BACHELOR OF ARTS

| | |
|--------------------------------------|----------------------|
| David Edison Adams..... | Stoutsville |
| Myron Clarke Adams..... | Clarksburg |
| James Sherman Adler..... | Amanda |
| Savesta Agapetus | Columbus |
| Donald Emerson Allen..... | Delaware |
| Eleanor Fullerton Allen..... | Columbus |
| Helen Allison | Dayton |
| Henry Willard Allison..... | Oak Hill |
| Louis Peter Alt..... | New Washington |
| Alice Amber | Cleveland |
| Gladys Louise Anderson..... | Columbus |
| Margaret Rea Anderson..... | Columbus |
| Robert Harold Angerman..... | Massillon |
| Drew Jackson Arnold..... | Columbus |
| Isadore Bernard Arons..... | Cleveland |
| Robert Milton Bailey..... | Louisville, Ky. |
| Barbara Alma Baker..... | Columbus |
| Fredric Firestone Balz..... | Columbus |
| Irwin Barkan | Columbus |
| *Betty Marie Barker..... | Columbus |
| Frances Edna Bartels..... | Bellaire |
| James Roe Beatley..... | Columbus |
| Fountain Claibourne Beattie, Jr..... | Toronto |
| Elizabeth Agnes Beck..... | Dayton |
| Harriet Jeanne Beecher..... | Columbus |
| Robert Woodworth Beggs..... | Columbus |
| Ralph Charles Behling..... | Akron |
| Floyd Matere Beman..... | Thurman |
| Robert Davis Bills..... | Santa Monica, Calif. |
| Selim John Blazewicz..... | Pomeroy |
| Jane Blue | Solon |
| Betty Barton Booth..... | Columbus |
| Marylee Bottenhorn | Columbus |
| William Francis Bradley..... | Steubenville |
| Alvin Lester Brainen..... | Passaic, N. J. |
| Lee Gordon Braun..... | Cleveland |
| Marie Kathleen Braunlin..... | Portsmouth |
| Dorothy Christine Broerman..... | Reynoldsburg |
| Barbara Greig Brown..... | Columbus |
| Margaret Ellen Brown..... | Columbus |
| Jeanne Carol Brumbach..... | Salisbury, N. C. |
| *Doris Lucille Buckner..... | Columbus |
| Elizabeth Eva Burgess..... | Columbus |
| *Leland Andrew Byerly..... | Cleveland |
| Irving Heman Canfield..... | Columbus |
| *John Irvin Carlson..... | Stow |
| Charles Frederick Clark..... | Canal Winchester |
| Sanford Cohen..... | Flushing, N. Y. |
| William Cassius Cook, Jr..... | Welch, W. Va. |
| Robert Charles Coplan..... | Lakewood |
| *Edward Peter Cory..... | Akron |
| Stanley Merle Cowan..... | Cleveland |
| Jean Danker | Zanesville |
| Ethel Esther Davidson..... | Delaware |
| Elizabeth Thomas Davis..... | Newark |
| Joseph Briggs DeVennish..... | Briggsdale |
| Louis Di Tommaso..... | Youngstown |
| Edward D'Orazio | Steubenville |
| Irving Drooyan | Cleveland |
| Don Duffy | Columbus |
| *Betty Rose Ehrhart..... | Columbiana |

* Two degrees.

| | |
|--------------------------------------|-----------------|
| Edwin Homer Ellison..... | Columbus |
| Faye Rosalind Emmitt..... | Cleveland |
| *Elizabeth Hope Euans..... | Columbus |
| Eugene Paul Everhart..... | Ada |
| Harold William Federer..... | Columbus |
| Mordechai Feigenbaum..... | Cleveland |
| Frederick Cleland Finke..... | Columbus |
| Norma Frances Antoinette Fisher..... | Cleveland |
| Charles Werner Fogle..... | Leipsic |
| Howard William Foley..... | Columbus |
| Faith Camille Foster..... | El Paso, Tex. |
| Virginia Ruth Frankel..... | Milwaukee, Wis. |
| Harriet Louise Franks..... | Millersburg |
| Joseph Michael Gallen..... | Columbus |
| Charles Wilhelm Gehrke..... | Coshocton |
| Marie Evelyn Geil..... | Columbus |
| Richard Geren..... | Columbus |
| Mary Elizabeth Goodrich..... | Herkimer, N. Y. |
| Francis Hillis Goodwin..... | Columbus |
| Forrest Edwin Gordon, Jr..... | Cleveland |
| Sidney Grau..... | Cleveland |
| Maurice Greenfield..... | Cleveland |
| Sidney Dwight Griffith..... | Jackson Center |
| Marian Louise Guise..... | Akron |
| Bernard Harold Hackett..... | Woodstock |
| Lucile Hagerty..... | Columbus |
| Mary Jane Hahn..... | Columbus |
| Arthur Dale Halley..... | Akron |
| Charles McClure Ham..... | Wauseon |
| Vivian Alonzo Harris..... | Columbus |
| John Richard Harrison..... | East Liverpool |
| Mary Louise Hartman..... | Columbus |
| James Chester Hays..... | Camden |
| Jack Rene Henry..... | Columbus |
| *Margaret Catherine Henry..... | Pataskala |
| Philip Jay Hermann..... | Garrettsville |
| Robert LaVonne Hilty..... | Lima |
| *Fred George Hobbs..... | Dayton |
| James Ellsworth Hoffman, Jr..... | Brookfield |
| Roberta Aleyene Hopper..... | Columbus |
| Michael John Hunyadi..... | Canton |
| Reeder Clayton Hutchinson..... | Defiance |
| Robert Burdette Ireland..... | Columbus |
| Robert Earl Jaffe..... | Cleveland |
| Arnold B. Johnson..... | Gahanna |
| Arthur Thornton Jones..... | Columbus |
| *Nancy Elizabeth Jones..... | Westerville |
| John Jay Kabealo..... | Youngstown |
| Muriel Esther Kasov..... | Hartford, Conn. |
| Anne Beecher Kauffman..... | Columbus |
| Helen Jeannette Kauffman..... | Columbus |
| *Bayard Martin Keller..... | Cuyahoga Falls |
| Carolyn Kaufman..... | Columbus |
| Roger Darst Kennedy..... | Columbus |
| George Edwin Khourie..... | Columbus |
| Dorothy Virginia Kibler..... | Baltimore, Md. |
| *Edward Cecil King..... | Hubbard |
| Elmer Richard King..... | West Liberty |
| Frances Elizabeth Kirby..... | Columbus |
| Martha Louise Kirn..... | Lancaster |
| *Earl Perry Knisely..... | Columbus |
| John Adolph Koenigshoff..... | Euclid |

* Two degrees.

| | |
|---------------------------------|--------------------|
| Raymond Frederick Kreager..... | Newark |
| Irving Lackritz..... | Cleveland Heights |
| James Lambrakis..... | East Liverpool |
| Bert Robert Lanker..... | Mt. Gilead |
| *Warren Anthony Lapp..... | Norwood |
| Fred Brown Larimore..... | New Philadelphia |
| Janice Corrine Lavender..... | Mansfield |
| Arthur Lefford..... | New York, N. Y. |
| Shirley Reeve Levinson..... | Steubenville |
| Evelyn Shirley Levy..... | Jackson, Tenn. |
| *Richard Carl Light..... | Lima |
| Robert Melvin Light..... | Lima |
| Jean Linton..... | Columbus |
| *William Fredrick Lovebury..... | Columbus |
| Catherine Lucas..... | Akron |
| Harry Caldwell Lytle..... | Columbus |
| George John MacDonald..... | Akron |
| Howard William Mahaffey..... | West Union |
| Dean Willard Mallett..... | McConnelsville |
| Elizabeth Arthur Mann..... | Louisville, Ky. |
| Robert Lahm Marshall..... | Uhrichsville |
| Gladys Emma Mason..... | East Cleveland |
| Frank Arthur Masse..... | Columbus |
| Dorothy Jane May..... | Cincinnati |
| Ruth Lewis McClure..... | Columbus |
| Robert Langdon McCorkle..... | Columbus |
| Ray Francis McCoy..... | Lakewood |
| Carl Henry McFadden..... | Columbus |
| Hugh Lynn McKinley..... | Harrisburg |
| Howard Morton Metzenbaum..... | Cleveland |
| William J. Middleton..... | Columbus |
| *Franklin Gail Miller..... | Lima |
| Harold Charles Millstone..... | Youngstown |
| Jean Leslie Mitchell..... | Suffern, N. Y. |
| Betty Eloise Moore..... | Columbus |
| Joseph Francis Morabito..... | Massillon |
| Sam Muchnick..... | Canton |
| *Hester Fern Murray..... | Seville |
| Harvey Nathanson..... | Youngstown |
| Frank Gerry Neubach..... | Springville, N. Y. |
| Sanford Buddy Noll..... | Canton |
| Stanley Eugene Norris..... | Grove City |
| Virginia Ruth Overton..... | Milwaukee, Wis. |
| Patricia Duncan Palmer..... | Columbus |
| Gordon Hutchins Perry..... | Columbus |
| William Edward Pfaadt..... | Cambridge |
| Joseph John Pfeifer..... | Zanesville |
| Ellen Jean Pierce..... | Columbus |
| Hannah Miriam Polster..... | Columbus |
| Mah Sing Pon..... | Columbus |
| Clifford Woodrow Price..... | Chillicothe |
| *Ellen Mae Price..... | Columbus |
| Robert Jay Priest..... | Columbus |
| Richard Raymond Pursley..... | Hilliards |
| David Phillip Randall..... | Columbus |
| Robert Lee Ratchford..... | Willard |
| Charles Arthur Reinhard..... | Columbus |
| Henry Francis Rich..... | Youngstown |
| Samuel Joseph Rinaldo..... | Youngstown |
| Ezra Wayne Rinehart..... | Springfield |
| Jeanne Elizabeth Roberts..... | Springfield |
| Mary Elizabeth Roberts..... | Wheeling, W. Va. |

* Two degrees.

| | |
|-----------------------------------|-------------------------|
| Miriam Robins | Columbus |
| Jeanne Marjorie Roof..... | Kenton |
| Donald Fultz Rowles..... | Lancaster |
| Alfred George Runner..... | Sandusky |
| George Philip Sattler..... | Mansfield |
| Mary Elizabeth Schaefer..... | Pomeroy |
| John Russel Schickler..... | Columbus |
| Robert Joseph Schiffgen..... | Flushing |
| Albert Eli Scoblow..... | Cleveland |
| Patricia Adelaide Searight..... | Toledo |
| Seymour Shapins | Shadyside |
| Katharine Cleveland Sharp..... | Columbus |
| *Ralph Herbert Shilling..... | Columbus |
| Hadassah Shuster | Cleveland |
| Edythe Cecil Siegel..... | Cleveland |
| John Wiltshire Sigler..... | Chillicothe |
| John Fletcher Sisson..... | Columbus |
| Edward Joseph Sloane..... | Akron |
| Robert John Smith..... | New Philadelphia |
| William Clements Smith, Jr..... | Columbus |
| Betty Jane Snell..... | Columbus |
| Betsy Jordan Snyder..... | Columbus |
| Margaret Ellen Sorn..... | Albany, N. Y. |
| William DeForrest Stanbro..... | Herkimer, N. Y. |
| Jacqueline Steinberg..... | New Orleans, La. |
| *Charles Fielding Steinman..... | Columbus |
| Robert Truby Stephens..... | Akron |
| Robert Milton Stevens..... | Batavia, N. Y. |
| Lucille Alma Stitt..... | North Belle Vernon, Pa. |
| Jean Storey | Columbus |
| Dorothy Stott..... | Bay Village |
| Elmer Swack..... | West Salem |
| Richard Isgrig Taylor..... | Columbus |
| Ford Chester Teeter..... | Ontario |
| James Thomas, Jr. | Columbus |
| Donald Woodrow Traphagen..... | Toledo |
| Wilfred Theodore Tumbusch..... | Dayton |
| Earl Robert Tweedie..... | Walton, N. Y. |
| John Connell Van Meter..... | Ardmore, Pa. |
| Frederick Allen Waltz..... | Toledo |
| John Russell Warren..... | Euclid |
| William Waldron Weber..... | Dover |
| Katherine Victoria Whitehead..... | Columbus |
| Keith Elden Whitmore..... | Rochester, N. Y. |
| Ralph Alfred Wickter..... | Toledo |
| Frances Johnson Wildermuth..... | Columbus |
| Joseph McMilton Wilson..... | Westerville |
| Benjamin Franklin Winters..... | Youngstown |
| Ruth Henrietta Winzeler..... | Bryan |
| Ah Foo Wong..... | Cincinnati |
| Jane Cecelia Wood..... | Columbus |
| Carolyn Harriett Woodard..... | Akron |
| Ada Sarah Yolles..... | Cleveland |

(Two hundred and thirty-eight candidates)

BACHELOR OF SCIENCE
IN JOURNALISM

| | |
|-----------------------------|--------------------|
| John William Angle..... | Piqua |
| Henry Bela Bachrach..... | Schenectady, N. Y. |
| Joyce Baker | Columbus |
| James Michael Burke..... | Lima |
| Jean Margaret Bushnell..... | Newark |

* Two degrees.

| | |
|---------------------------------|-------------------|
| Betty Carol Coffin..... | Cincinnati |
| Robert Leon Craig..... | Akron |
| Mary Kay Denbow..... | Columbus |
| Mary Elizabeth Doyle..... | Columbus |
| Richard Lee Dugan..... | Cambridge |
| Irvn Albert Eubanks..... | Jackson |
| Robert Willi Ferguson..... | Lakewood |
| Earl Ronald Gordon..... | Akron |
| David Robert Hawley..... | Lakewood |
| Paula Frances Hedges..... | Lancaster |
| Martha Ann Hinkle..... | Columbus |
| Irving Morton Lichtenstein..... | Cleveland |
| Tom Johnson McFadden..... | Carrollton |
| Janelle Lucille Moser..... | Warren |
| Jean Cameron Poffenberger..... | Cleveland Heights |
| John G. Pool..... | Dayton |
| David Jennings Postle..... | Columbus |
| Jean Marie Rees..... | Dover |
| Robert Waldo Robinson..... | Urbana |
| James Carl Shuler..... | Lima |
| Eugene Bernard Squires..... | Cleveland Heights |
| Rosalind Swados..... | Buffalo, N. Y. |
| Mary Agnes Vavrek..... | Cleveland |
| Paul Charles Warren..... | Cleveland |
| Vivian Louise Waxler..... | Columbus |
| Donald Dover Wiseman..... | Zanesville |

(Thirty-one candidates)

BACHELOR OF SCIENCE IN OPTOMETRY

| | |
|---|---------------------|
| James Thomas Angus, B.S. (Muskingum College)..... | Cambridge |
| John Edward Buenau..... | Albany, N. Y. |
| Harold Cagen..... | Brooklyn, N. Y. |
| Nathan Camm..... | Cleveland |
| Frank John Dunn, Jr..... | Cleveland Heights |
| Stanley Saul Engel..... | Youngstown |
| Carl Fredrick Fenton, Jr..... | Wayne, Pa. |
| Murray Irving Haimes..... | New York, N. Y. |
| Richard Karl Jauch..... | Columbus |
| John Claire Kehoe..... | Flint, Mich. |
| Jack Horace Kurtz..... | Akron |
| Philip Lakin..... | Columbus |
| Bernard Fredrick Masling..... | Rochester, N. Y. |
| Kenneth Charles Mason..... | Springfield |
| Marlan Eugene McElwain..... | Washington C. H. |
| Fannie Helen Melcer..... | Galveston, Tex. |
| Bernard Mindlin..... | Cleveland |
| Glenn Francis Oekuly..... | Marysville |
| Frederick Wallace Richardson..... | Warren |
| Joseph Milton Roth..... | New York, N. Y. |
| Joseph Seidenfeld..... | Poughkeepsie, N. Y. |
| Neoma Libby Shapiro, B.A..... | Cincinnati |
| Fred Silverstein..... | Tottenville, N. Y. |
| Kathryn Louise Stone..... | Vincennes, Ind. |
| Robert Geiser Sturges..... | Troy, N. Y. |
| Harry S. Vovel, B.A..... | Cleveland |
| David Volk..... | Cleveland |
| Werner Carl Zentner..... | Cleveland |

(Twenty-eight candidates)

COLLEGE OF COMMERCE AND ADMINISTRATION

DEAN: WALTER C. WEIDLER

BACHELOR OF SCIENCE
IN BUSINESS ADMINISTRATION—WITH HONORS

| | |
|---|------------|
| Howard Vincent Blackburn (with Honors)..... | Portsmouth |
| Philip Howell Burris (with Distinction in Foreign Commerce)..... | Columbus |
| Roger Wallace Gartner (with Honors)..... | Lakewood |
| Ernest Lee Hicks (with Honors and Distinction in Accounting)..... | Columbus |
| Robert Beaver Mertie (with Honors and Distinction in Accounting)..... | Columbus |
| Mayer Rosenfeld (with Honors)..... | Columbus |
| Ralph Merle Schaefer (with Honors)..... | Dayton |
| Irvin Sobel (with Honors)..... | Akron |

(Eight candidates)

BACHELOR OF SCIENCE
IN SOCIAL ADMINISTRATION—WITH HONORS

| | |
|---|----------------|
| Lillian Pearl Birnbaum (with Honors)..... | Cleveland |
| Hyman Joseph Schulkin (with Honors)..... | East Cleveland |
| Miriam Jane Taylor (with Distinction in Social Administration)..... | Columbus |

(Three candidates)

BACHELOR OF SCIENCE
IN BUSINESS ADMINISTRATION

| | |
|------------------------------|-------------------|
| Lauren Darrell Ake..... | East Canton |
| George Frederick Alter..... | Toledo |
| Richard Thomas Baker..... | Warren |
| Kenneth Mateer Banks..... | Ford City, Pa. |
| Robert Earl Banks..... | Canton |
| Raymond John Baum..... | Cleveland |
| Howard Lester Beougher..... | Columbus |
| Joseph Roy Beres..... | Amherst |
| Keith Haviland Bliss..... | Columbus |
| Jacob James Boesel..... | Wapakoneta |
| James William Bone..... | Columbus |
| Emmett Louis Brasseux..... | Abbeville, La. |
| Harry Giles Brattain..... | Paulding |
| Paul Hyland Brown..... | East Cleveland |
| Robert Ralph Brown..... | Hicksville |
| Betty Lou Burnett..... | Columbus |
| *Leland Andrew Byerly..... | Cleveland |
| Leah Carlstein..... | Columbus |
| Richard Kanaga Chubb..... | Cleveland Heights |
| Vincent Ciccarello..... | Vineland, N. J. |
| Mary Louise Coffman..... | Columbus |
| Harriet Allison Conner..... | Columbus |
| William James Cotter..... | Columbus |
| James Lynn Crandall..... | Dayton |
| Forrest Wesley Cromwell..... | Bryan |
| George William Crook..... | Columbus |
| Morris Charles Crossen..... | Canton |
| Jay Howard Cusick..... | Roseville |
| Robert Kelly Dean..... | Toledo |
| John Thomas Dempsey..... | Norwalk |
| William Albert Diehl..... | Defiance |
| John Cornelius Duffy..... | Columbus |
| Jane Darrah Ebersol..... | Ben Avon, Pa. |
| Jean Annetta Emmert..... | Cincinnati |
| Joseph Edward Farrell..... | Mansfield |
| Joseph Francis Fischer..... | Harrison |

* Two degrees.

| | |
|---------------------------------|-------------------|
| Gene Sapiro Fisher..... | Canton |
| Paul Eugene Flohr..... | Mansfield |
| Norris William Fluke..... | Ashland |
| Arthur Henry Freedman..... | Canton |
| Jerome Joseph Friedman..... | Columbus |
| George Marshal Gableman..... | Waverly |
| William Overton Gall..... | Hanover |
| Hadley Clare Galleher..... | Columbus |
| Lucy Satterlee Gay..... | Worthington |
| Dave Gerstein | Cleveland |
| Robert Raymond Giesser..... | Cleveland |
| Samuel Jacob Golomb..... | Geneva |
| Richard Chalmers Gottier..... | Columbus |
| Paul Edward Gribble..... | Beach City |
| Thomas Hugh Grimes..... | Toledo |
| Casper Gilblom Haas..... | Cleveland Heights |
| Courtney Clark Hammitt, Jr..... | Youngstown |
| Emil Peter Hanic..... | Barberton |
| Milton Allen Hays..... | Rockford |
| Milton Leonard Herman..... | Akron |
| Robert William Herrmann..... | Cleveland |
| Mary Elizabeth Hershberber..... | Columbus |
| Raymond Allen Hertz..... | Cleveland |
| Shepard Arthur Hildebrand..... | Wilkes-Barre, Pa. |
| Donald Warren Hindes..... | Columbus |
| Loren Burdell Hissong..... | Hamlin |
| Elmer Russel Hites..... | Bucyrus |
| Dorothea Jane Hoeflinger..... | Columbus |
| Albert Glock Holmes..... | Columbus |
| Edwin Maxwell Howison..... | Columbus |
| Otto William Hueter, Jr..... | Defiance |
| Robert Allen Huff..... | Dover |
| Albert Erwin Immel..... | Columbus |
| Clarence Albert Isaac..... | Columbus |
| Waldo Clinton Jenkins..... | Zanesville |
| Beatrice Dixon Jenks..... | Columbus |
| Jackson Andrew Jordan..... | Columbus |
| Reino Charles Kahelin..... | Ashtabula |
| Reginald George Kaithern..... | Portsmouth |
| Robert Horace Kepler..... | Dayton |
| Thomas Latimer Kibler, Jr..... | Columbus |
| Winfield Eugene King..... | Deshler |
| Arthur Kohn | Delaware |
| Juliette Rita Koren..... | Cleveland |
| Ivan Louis Kovacicsek..... | Youngstown |
| Jerome Jay Kreinberg..... | Cleveland Heights |
| Alfred Edward Lageman..... | Cleveland |
| Harry Ralph Lawson..... | Columbus |
| Kenneth Erwin Lebensburger..... | Fort Wayne, Ind. |
| Samuel Hyman Lefkowitz..... | Canton |
| Sanford William Liptzin..... | Cleveland |
| Angelo Patric Luckino..... | Wellsville |
| Raymond Terry Lyons..... | Columbus |
| Arthur James MacKenzie..... | Swanton |
| Joseph Francis Martin..... | Painesville |
| Charles Edward Mauk..... | Tarentum, Pa. |
| Charles LeRoy Maule..... | Chillicothe |
| Raymond Eugene May..... | Lakewood |
| Reginald Dunbar Mayer..... | Akron |
| Richard Harvey McCloskey..... | Lakewood |
| Robert William McElroy..... | Springfield |
| James Edward McGuire..... | Columbus |
| Alexander Bernard McKee..... | Dayton |

| | |
|----------------------------------|--------------------|
| George Xavier Mechir..... | Cleveland |
| John Max Mellott..... | Findlay |
| Thomas Anthony Mendenhall..... | Celina |
| *Franklin Gail Miller..... | Lima |
| Robert Warren Miller..... | Tarentum, Pa. |
| Robert Edward Millisor..... | Columbus |
| Lawrence Edward Mock..... | Zanesville |
| Charles Baughman Moody..... | Zanesville |
| John Henry Moorman..... | Canton |
| Walter Thomas Morgan..... | Martins Ferry |
| George William Morris..... | New Lexington |
| Joseph Peter Muliolis..... | Cleveland |
| Robert Francis Murphy..... | Youngstown |
| Robert Hudson Neff..... | Canfield |
| Thomas Jackson Nugent..... | Austintburg |
| Harry Devereaux O'Keefe..... | Lakewood |
| Henry Parks, Jr..... | Dayton |
| Charles Carroll Patterson..... | Newark |
| Claude William Pendleton..... | Columbus |
| Eldon Milo Penn..... | Columbus |
| Richard Coy Pfeiffer..... | Columbus |
| Arthur Joseph Piper..... | Columbus |
| Marjorie Sue Postle..... | Columbus |
| Donald Semler Poulton..... | Columbus |
| Harold Burton Powell..... | Columbus |
| Rhea Jean Preis..... | Norwalk |
| John Louis Racine..... | Stryker |
| John Joseph Rajkovich..... | Brookfield |
| William F. Randolph..... | Columbus |
| William Arnold Rasey, Jr..... | Sinking Springs |
| Marjorie Florence Ratcliff..... | Columbus |
| Donald A. Reed..... | Columbus |
| Dan Reines..... | East Cleveland |
| James Richard Reissig..... | Findlay |
| Leo Anthony Roberts..... | Columbus |
| Stanley Ulrich Robinson, Jr..... | Worthington |
| Paul Justin Rockey..... | Lima |
| Miles Edward Rodgers..... | New Lexington |
| Richard Brough Roley..... | Marysville |
| Marcus Mitchell Ruben..... | Leipsic |
| Wilson Smith Rucker..... | Columbus |
| George Rudyard Russ..... | Portsmouth |
| Douglas Ward Sankey..... | Lakewood |
| William Stuart Schneider..... | Columbus |
| Alexander Schoenbaum..... | Huntington, W. Va. |
| Robert Schwartzwalder..... | Columbus |
| Herman Scott..... | Cleveland |
| James Franklin Scott..... | Portsmouth |
| John Eldon Senn..... | Columbus |
| George William Sennish, Jr..... | Cleveland |
| Marshall Randolph Seybold..... | Mansfield |
| Elmer James Shapiro..... | Cleveland Heights |
| Ross Stoler Shoolroy..... | Wooster |
| Victor Lewis Shumaker..... | Coshocton |
| LeVernne Ballou Slagle..... | Bucyrus |
| Albert Harmon Smith..... | Canton |
| Allen James Smith..... | Canton |
| Francis Leighton Smith..... | Columbus |
| Gail Jessie Smith..... | Lima |
| Howard George Smith..... | Marietta |
| Blake Elno Stauffer..... | Sharon Center |
| Edith Grace Steiger..... | Clarington |

* Two degrees.

| | |
|---------------------------------|-------------------|
| *Charles Fielding Steinman..... | Columbus |
| John Nicholas Stimac..... | Cleveland |
| Jack Melvin Stone..... | Columbus |
| Robert Herbert Strandburg..... | Jamestown, N. Y. |
| Edward Joseph Tetlak..... | Cleveland |
| John Leonard Textoris..... | Cleveland |
| John Chandler Thierman..... | Columbus |
| Daniel Harris Trewetz..... | Salem |
| Irwin Trope..... | Columbus |
| Mary Balthaser Ury..... | Plain City |
| Delbert Charles Valentine..... | Alliance |
| Elsie Josephine Veh..... | Gibsonburg |
| Hyman Herman Weintraub..... | Canton |
| Robert Lewis Weislogel..... | Chillicothe |
| Robert Allen Wherry..... | East Liverpool |
| Melvin Craig Wilson..... | Canton |
| Homer Lee Winnagle..... | Warren |
| Byron Stevens Worthen..... | Manchester, N. H. |
| Ralph Real Yarov..... | Youngstown |
| Kenneth LaMar Young..... | Port Clinton |

(One hundred and eighty-one candidates)

BACHELOR OF SCIENCE IN SOCIAL ADMINISTRATION

| | |
|---------------------------------|-------------------|
| Vera Jean Allen..... | Columbus |
| Elnore Clark Amos..... | Scio |
| Frances Marilyn Anderson..... | Columbus |
| Thomas James Barrett..... | Youngstown |
| Gertrude Christine Behner..... | East Orwell |
| Evelyn Jane Biggers..... | Columbus |
| Anna Beatrice Brown..... | Columbus |
| June-Lee Brown..... | Columbus |
| Evelyn Cohen..... | Canton |
| Jean Louisa Crichton..... | Wooster |
| Gladys Evelyn Evans..... | Morehead, Ky. |
| Margaret Anne Evans..... | Columbus |
| Fay Feren..... | Youngstown |
| Julia Bell Frye..... | Columbus |
| Grace LaVerne Gary..... | Cleveland |
| Jane Charlton Harmount..... | Columbus |
| Doris Irene Katzman..... | Utica, N. Y. |
| Elsie Marie Kloos..... | Alliance |
| Martha Quinlan Lee..... | Kalida |
| Emma Lieder..... | Cleveland |
| Elaine Melrose Long..... | Versailles |
| Bernard Milton Meyer..... | Cleveland Heights |
| Marjorie Lucille Miller..... | Spencerville |
| Sarah Mildred Moore..... | Newark |
| John Joseph Morrett..... | Springfield |
| Garnet Lucille Moyer..... | Leavittsburg |
| Cecile Ernestine Newman..... | Youngstown |
| Aviva Friedland Polish..... | Cleveland |
| Constance Lenore Pursglove..... | Cleveland |
| Katheryne Louise Rayburn..... | Columbus |
| Margaret Ruth Scholes..... | Columbus |
| Jean Elizabeth Scott..... | Cleveland Heights |
| Bettye Jane Sillman..... | Columbus |
| Ann Sole..... | Cleveland |
| Ruth Lenore Stone..... | Massillon |
| Rosalind Tornberg..... | Plainfield, N. J. |
| Margaret Ruth Trasin..... | Glouster |
| Laura Jane Vorhees..... | Lorain |
| Kenneth Mulford Williams..... | Columbus |

| | |
|--------------------------|-----------|
| Laura Frances Wood..... | Columbus |
| Robert Donald Young..... | Cleveland |

(Forty-one candidates)

COLLEGE OF EDUCATION

DEAN: ARTHUR J. KLEIN

BACHELOR OF SCIENCE

IN EDUCATION—WITH HONORS

| | |
|---|-------------------------|
| Marianne Virginia Belding (with Distinction)..... | Sandusky |
| Jane Elizabeth Coulter (with Distinction)..... | Columbus |
| *Elizabeth Hope Euans (with Distinction)..... | Columbus |
| Jane Louise Grierson (with Distinction)..... | Reynoldsburg |
| Ruth Elizabeth Harden (with Distinction)..... | Little Rock, Ark. |
| *Margaret Catherine Henry (with Distinction)..... | Pataskala |
| Ruth Emmalene Hirth (with Distinction)..... | Lexington |
| Virginia Reading Hoff (with Distinction)..... | Neshanic Station, N. J. |
| Elsie Virginia Ireland (with Distinction)..... | Columbus |
| Norma Anne Kirkendall (with Distinction)..... | Columbus |
| Mary Ruth Self (with Distinction)..... | Columbus |
| Margaret Ann Wolfe (with Distinction)..... | Columbus |

(Twelve candidates)

BACHELOR OF SCIENCE

IN EDUCATION

| | |
|--|---------------------|
| Edgar Luke Alexander..... | Barberton |
| August Lynn Altenbernd..... | Cleveland |
| Janet Rose Anding..... | Columbus |
| Helen Margaret Ayars, A.B. (University of Toledo)..... | Toledo |
| Edward John Baas..... | Columbus |
| Elizabeth Duvall Bachman..... | Wapakoneta |
| Evelyn Graly Bailey..... | Columbus |
| Howard King Bailey..... | Findlay |
| William Harold Baird, Jr..... | Columbus |
| Milton Lowell Baker..... | Marion |
| Elsie Agnes Barch..... | Duval |
| *Betty Marie Barker..... | Columbus |
| Virginia Louise Barnard..... | Middletown |
| *Mary Helen Bauder..... | Powell |
| Kathryn Isabel Baum..... | Duval |
| Karl David Bechtle..... | Marion |
| Ruth Naomi Becker..... | Mozart Hill, W. Va. |
| Edna Belle Beery..... | Columbus |
| Betty Bernice Belt..... | Millersport |
| Irene Mary Berkebile..... | Swanton |
| Florian Bruce Beymer..... | Lore City |
| Ernest Ralph Biggs..... | West Lafayette |
| Byron Perry Bishop..... | Andover |
| Marjory Ann Blair..... | Bucyrus |
| Harry Bock..... | Glen Head, N. Y. |
| Russell William Bolinger..... | Athens |
| Robert Joseph Bolish..... | Upper Sandusky |
| Francis Elwood Bonar..... | Columbus |
| Dorothy Mae Bond..... | Columbus |
| Mildred Irene Bordenkircher..... | West Lafayette |
| Ruth Borowitz..... | Columbus |
| *Barbara Anne Boughton..... | Columbus |
| Betty Jane Bowers..... | Millersport |
| William Pearson Bownas, B.A..... | Youngstown |
| James William Brady..... | Cleveland |

* Two degrees.

| | |
|---|-------------------|
| Maida Phyllis Brody..... | Toledo |
| Barbara Brown..... | Columbus |
| Elderelia Louise Brown..... | Columbus |
| *Doris Lucille Buckner..... | Columbus |
| Claude Darwin Budd..... | Columbus |
| *Virginia Kathryn Buker..... | Killbuck |
| Freda Jane Burkhardt..... | Portsmouth |
| Jean Mary Burkley..... | Columbus |
| Kathleen Marie Burns..... | Columbus |
| Frieda Sterna Cadkin..... | Cleveland Heights |
| Catherine June Carethers..... | Columbus |
| *John Irvin Carlson..... | Stow |
| Richard Arthur Carter..... | Columbus |
| Vera Vileta Carter..... | Columbus |
| Warren Vale Casey..... | Columbus |
| Charles Goodwin Clager..... | Columbus |
| Richard Guy Clark..... | Grove City |
| Kitty Dallas Cline..... | Welch, W. Va. |
| Janice Young Cochran..... | Sunbury |
| Ruth Cohn..... | Cleveland |
| Doris Catherine Colvill..... | Columbus |
| Jane Irene Cook..... | Strongsville |
| Paul Craig Cook..... | Upper Sandusky |
| Robert Wayne Cook..... | Minerva |
| Ruth Cornwell..... | Sharon, Pa. |
| *Edward Peter Cory..... | Akron |
| William Franklin Cramer..... | Columbus |
| Ruth Louise Crone..... | Akron |
| Dora Elizabeth Damrin..... | Columbus |
| Apolinario Mario Dandoy..... | Columbus |
| Dennis Franklin Davidson, B.A., M.Sc..... | New Lexington |
| *Hazel Merilla Davis..... | Columbus |
| Jane Elizabeth Davis..... | Columbus |
| Marjorie Ann Davis, B.A..... | Newark |
| Nelma Edith Davis..... | Newton Falls |
| Christine Mary Davy..... | Cleveland Heights |
| Loretta Mary Delaites..... | St. Clair, Pa. |
| Phyllis Ruth Denison..... | Canal Fulton |
| Marjorie May Dew..... | Barnesville |
| Lillian Virginia Dierker..... | Columbus |
| Helen Anna Diers..... | Cincinnati |
| Theodore Henry Dietsch..... | Sylvania |
| James Monette Diley, Jr..... | Waverly |
| Leonard Henry Dinan..... | Castalia |
| Elsie Eleanor Dix..... | Delaware |
| Kenneth White Dobson..... | Massillon |
| Martha Scharlotte Downs..... | Columbus |
| Robert Kent Downs..... | Martel |
| Leila Cora Drake..... | Columbus |
| Grace Elizabeth Dresbach..... | Columbus |
| Helen Virginia Dusler..... | Columbus |
| Maxine Alice Dwiggin..... | Columbus |
| Queen Esther Earley..... | Columbus |
| Betty May Edwards..... | Croton |
| *Betty Rose Ehrhart..... | Columbiana |
| Martha Elizabeth Elbin..... | Columbus |
| Florence Elconin..... | Cleveland |
| Annie Mary Erickson..... | Spearfish, S. D. |
| Clara Pauline Ervin..... | Columbus |
| James Stafford Eustath, Jr..... | Dayton |
| Mary Ethel Evans..... | Dayton |
| Rose Margaret Evans..... | Marion |

* Two degrees.

| | |
|--|---------------------|
| Avah Fahnestock..... | Bradford |
| Gordon Howard Fallesen..... | Rochester, N. Y. |
| David Auton Farrington..... | Prospect |
| Ellen Fay Feinberg..... | Cleveland |
| Jeanne Elizabeth Ferguson..... | Caldwell |
| Robert Richard Fink..... | Columbus |
| James Edward Fraley..... | Hollansburg |
| Margaret Louise Frank..... | Columbus |
| Leland Miesse Frederick, B.E.E..... | Circleville |
| Jane Florence Freidenberg..... | Columbus |
| Ruth Isabel Frishkorn..... | Norwalk |
| Helen Marie Fritz..... | Columbus |
| Hilda Jane Fulton..... | Portsmouth |
| Mary Virginia Gallen, B.Fine Arts..... | Columbus |
| Donald Howard Gilbert..... | Bridgeport |
| Rachel Clarke Gillespie..... | Hackensack, N. J. |
| Dorothy Gottlieb..... | East Cleveland |
| Helen Shirley Grace..... | Powell |
| Robert Walter Graham..... | Marysville |
| Edwin Eugene Graves..... | Rock Creek |
| Alice Griffith..... | Columbus |
| James Arthur Grossman..... | Mt. Vernon |
| Edith Eleanor Guilkey..... | Columbus |
| Catherine Helen Haddad..... | Cleveland |
| Charles F. Hagen..... | Cincinnati |
| Irma Speer Hake..... | Youngstown |
| Ruth Louise Hamilton..... | Columbus |
| Mary Jane Hancher..... | Pelham, N. Y. |
| Katherine Donaldson Hannay..... | Columbus |
| Lilly Mae Harding..... | Toledo |
| Charlotte Maud Harman..... | Zanesville |
| Florence Elizabeth Harshe..... | Lima |
| *Glenna Vail Hartley..... | Cambridge |
| Mabel Todd Hayes..... | Columbus |
| Theodore Ross Heaton..... | Columbus |
| Richard Wayne Heine..... | Greenville |
| Janet Henninger..... | Ironton |
| Beryl Donald Hensel..... | West Manchester |
| Charles Edmond Higgins..... | Columbus |
| Walter Camby Higgins..... | Richmondale |
| Elizabeth Anne Higley..... | Chillicothe |
| *Jeannette May Hillman..... | Columbus |
| Clifford LeRoy Hite..... | Dennison |
| *Fred George Hobbs..... | Dayton |
| Glenn Lawrence Hochenshilt..... | Shelby |
| William Rotroff Hoover..... | Delaware |
| Ruth Mae Hornstein..... | Gallion |
| Iva May Hoeler..... | Columbus |
| Harland John Howells..... | Mentor |
| Emma Mabel Howie..... | Columbus |
| Mary Bellenden Hutcheson..... | Westerville |
| Harold Edwin Icenhower..... | Columbus |
| Jean Ellen Jackson..... | Columbus |
| Anthony Martin Jesko..... | Carey |
| Caroline Heron Johnson..... | Portsmouth |
| Bette Elizabeth Johnston..... | North Jackson |
| Emma Frances Jones..... | Parkersburg, W. Va. |
| *Nancy Elizabeth Jones..... | Westerville |
| Janet Thelma Jordan..... | Columbus |
| Catherine Louise Kauffman..... | Dayton |
| Helen Frances Kazmarek..... | Cleveland |
| Ann Keener..... | Augusta, Ga. |

* Two degrees.

| | |
|------------------------------------|-------------------|
| Irene Matylde Kellz..... | Cleveland |
| Darwin Benjamin Keye..... | West Jefferson |
| John William Keys..... | Worthington |
| Dorothy Emma Kilgore..... | Canton |
| Esther Lucille Kilpatrick..... | Payne |
| Harriet Estella Kimmel..... | Columbus |
| Alma Marie King..... | Columbus |
| Almeda May King..... | Hilliards |
| Kathryn Uhl King..... | Delaware |
| Martha Elaine King..... | Mechanicsburg |
| Beth Cynthia Kirk..... | Lakewood |
| Ralph Barney Klein..... | Cleveland |
| Ethel Alberta Klesa..... | Stow |
| Ruth Kols..... | Akron |
| Julia Cecelia Korn..... | Bucyrus |
| Edith Eleonora Koski..... | Ashtabula |
| Leah Mary Krantz..... | Dover |
| Laura Elizabeth Kratz..... | Gallipolis |
| June Kurlander..... | Cleveland Heights |
| Glendon Lainhart Lakes..... | Xenia |
| Ellen Craig Laughhead..... | Columbus |
| Francis Delano Layton..... | Wooster |
| Robert Alden Lee..... | Barnesville |
| Carolyn Virginia Lehman..... | Dayton |
| Ruth Lemon..... | Hillsboro |
| David Griff Lewis..... | New Lexington |
| Marguerite Linton..... | Columbus |
| Bernice May Liston..... | Circleville |
| Robert Louis Livingston..... | Columbus |
| Ruth Lyne..... | Cambridge |
| Nelson Edwards Lyttle..... | Cleveland |
| John Judge MacBride..... | Columbus |
| Genevieve Alice Maloney..... | Columbus |
| James Gordon Mason..... | Hamilton |
| Jose Dexter Masters..... | Omaha, Neb. |
| Katharine Elizabeth Mattingly..... | Cleveland Heights |
| Myron Merchant McClish..... | Columbus |
| Martha Louise McClure..... | Columbus |
| Olive May McCombs..... | Hilliards |
| Marjorie Ruth McDermott..... | Toledo |
| James Allen McDonald..... | Springfield |
| Esther Mae McGlone..... | Pittsburgh, Pa. |
| Myron St. Clair McKelvey..... | Massillon |
| Godou Green McMahon..... | Gambier |
| Doris Lucine McNaught..... | Worthington |
| John Noyes McVay..... | Alliance |
| Esther Pauline McVicker..... | Canonsburg, Pa. |
| Nettie Mendel..... | Columbus |
| Margaret Eleanor Mercier..... | Melrose, Mass. |
| Betty Marie Meyer..... | Youngstown |
| Floyd Henry Miller..... | Louisville |
| Ellen Marie Mittler..... | Columbus |
| Josephine Roberta Mooney..... | Columbus |
| Jean Carolyn Moore..... | Fremont |
| Birdean Jeannette Morris..... | Canton |
| William Martin Moss..... | Columbus |
| Martha Moore Moulton..... | Lucasville |
| *Hester Fern Murray..... | Seville |
| Elizabeth Anne Neff..... | Columbus |
| Charles Edward Newman..... | New Boston |
| Asa Euclare Offensend..... | Masury |
| Lorraine Gertrude Ogden..... | Portsmouth |

* Two degrees.

| | |
|--|------------------|
| Mary Elizabeth Page..... | Bellefontaine |
| Alby Robert Paris..... | Hopedale |
| Jean Elizabeth Parish..... | Oneonta, N. Y. |
| Grace Marian Parke..... | Columbus |
| Helen Frances Parker..... | Georgetown |
| *Thelma Elizabeth Parker..... | Wooster |
| John Augustus Paul..... | Columbus |
| Margaret Louise Payton..... | Columbus |
| Lowell Ray Perkins..... | Mt. Vernon |
| Lois Newhall Phelps..... | Dayton |
| Elizabeth Henrietta Pool..... | Port Clinton |
| Philip Hyde Powell, B.A. (Ohio Wesleyan University)..... | Steubenville |
| *Ellen Mae Price..... | Columbus |
| John Pruski..... | Elyria |
| Henry Przychocki..... | Lorain |
| Irene Gladys Quester..... | Lorain |
| Eldora Gene Rader..... | Circleville |
| Joseph Abner Ralston..... | Kenton |
| Robert Glen Raney..... | Columbus |
| Hugh Marcus Rea..... | Frankfort |
| Charles Daniel Ream..... | Navarre |
| Elizabeth Ellen Reber..... | Ashville |
| *Rose Ellen Reed..... | Findlay |
| Rena Ruth Rich..... | Rock Creek |
| Hazel Richards, B.A..... | Columbus |
| Howard Fred Robbins..... | East Cleveland |
| Margaret Daisy-Belle Roberts..... | Columbus |
| Margaret Virginia Roberts..... | Washington C. H. |
| Sarah Louise Roberts..... | Struthers |
| William Ezekial Robins, B.A., M.A..... | Columbus |
| Charles Robert Robinson, B.A., M.A..... | Findlay |
| Francis Mason Robinson..... | Columbus |
| Howard Eugene Robinson..... | Middlefield |
| *Ellen Agnes Roller..... | Pemberville |
| Phyllis Anita Roth..... | Canton |
| Louise Rummell..... | Columbus |
| Jane Annette Runyan..... | Springfield |
| George William Russ..... | Canton |
| Dortha Lee Sampson..... | Hilliards |
| Robert Charles Saup..... | Zanesville |
| Jean Margaret Schadler..... | Columbus |
| Winifred Hathaway Schamp..... | Columbus |
| Margaret Maye Schleckman..... | Columbus |
| *Judith May Schlegel..... | Ashville |
| Faye Louise Schlupe..... | Millersburg |
| Ruth Catharine Schmid, B.A. (College of William and Mary)..... | Youngstown |
| Hilda Rosetta Schmidt, B.A. (University of Wisconsin)..... | Canton |
| Ella Amelia Schrock..... | Lakewood |
| Robert John Schroeder..... | New Bremen |
| Ralph Clyde Scott..... | Kinsman |
| Ruth Elizabeth Scott..... | Kinsman |
| Lloyd Clifford Seely..... | Sandusky |
| Winifred Mary Selvey..... | Columbus |
| Helen Elizabeth Shively..... | Columbus |
| Elizabeth Roy Shurtz..... | West Lafayette |
| Harriet Lucille Sisler..... | Pedro |
| Thelma Irene Slavens..... | Columbus |
| Helen Marjorie Sleeth..... | Dayton |
| Mary Gertrude Sluterbeck..... | Arcanum |
| Eunice Estelle Smith..... | Columbus |
| Jeanne Smith..... | Reynoldsburg |
| Gertrude Sniderman..... | Youngstown |

* Two degrees.

| | |
|---|--------------------|
| Nita Belle Soncrant..... | Columbus |
| Lucile Virginia Sondergelt..... | Springfield |
| Lillian Sosnow..... | East Liverpool |
| Rosemary Southard..... | Marysville |
| John Arthur Speelman..... | Mt. Vernon |
| Clara Annetta Spidell..... | Massillon |
| Martha Jane Squier..... | Columbus |
| Edward Joseph Stack..... | Cleveland Heights |
| Evelyn Jane St. Clair..... | Washington C. H. |
| Irving Allan Stone..... | Cleveland |
| Miriam Kathryn Straley..... | Paulding |
| Winifred Irene Summers..... | Youngstown |
| Sheldon Wilber Swickard..... | Kansas |
| Merle Jeanne Swineford, B.A..... | Columbus |
| Virginia Hope Tarsey..... | Albany, N. Y. |
| Virginia Maude Tatje..... | Portsmouth |
| Genevieve Marion Taylor..... | DeGraff |
| McKinley Taylor, B.A..... | Cleveland |
| Robert Paul Trehearne..... | Sedalia |
| George Ulnic..... | Cleveland |
| Thelma Louise Vilbrandt..... | Columbus |
| Mary Jane Vines..... | Columbus |
| Jane Walcutt..... | Columbus |
| Marion Thomas Wallace..... | Carrollton |
| Mary Louise Fry Warrington, B.Sc. in Soc.Adm..... | Columbus |
| Patricia Helene Watkins..... | Sandusky |
| Jeanne Marcelle Webb..... | Columbus |
| Jeanette Weinstein..... | Steubenville |
| Mary Catherine Welsh..... | Granville |
| Elinor Wheeler..... | Shaker Heights |
| Joella Whitaker..... | Jeffersonville |
| James Arthur Whittaker..... | Kent |
| Glenn Garman Whittier..... | Wooster |
| Alice Julia Wick..... | Columbus |
| Mary Alice Wilkins..... | London |
| Maurice Aaron Wogaman..... | Dayton |
| Helen May Wolfe..... | Huntington, W. Va. |
| Marion Staunton Wood..... | Swarthmore, Pa. |
| Richard Frank Wulforst..... | Delphos |
| Betty Romola Wycoff..... | Buffalo |
| Margaret Ivadelle Yeager..... | Columbus |
| John Harrison Zech..... | Columbus |
| Harry William Ziegler, Jr..... | Cincinnati |
| Betty Zipkin..... | Cleveland Heights |

(Three hundred and twenty-seven candidates)

BACHELOR OF FINE ARTS

| | |
|--|----------------|
| Mary Katherine Alsbaugh..... | Columbus |
| Frances Nash Caulfield..... | Cincinnati |
| Barbara Anne Clouse..... | Columbus |
| Belle Bertha Collin..... | Cincinnati |
| Elinor Claire Corbett..... | Columbus |
| Ruth Payne Davis..... | Columbus |
| Dorothy Carolyn Denison..... | Richmond, Ind. |
| Marjorie Hicks Dickason..... | Columbus |
| Florence Gertrude Dykstra..... | Springfield |
| Mary Alice Hershberger..... | Tiffin |
| Charles Joseph Hughes..... | Bellefontaine |
| Margaret Elizabeth Isaly..... | Columbus |
| Kenneth Fredrick George Kleinfelder..... | Sandusky |
| Elinor Jane Levin..... | Columbus |
| Robert Stuart MacKellar..... | Columbus |
| Lloyd Elzo Manley..... | Cincinnati |

| | |
|--|-------------|
| Virginia Jane McAllister..... | Richwood |
| Betty Phillips McConnell..... | Columbus |
| John Warren Meddick..... | Bay Village |
| Esther Almeda Miller..... | Columbus |
| William Edward Otto..... | Columbus |
| Eleanor Lucille Rivers..... | Columbus |
| Jean Shoemaker..... | Columbus |
| Dorothy Kathryn Shontz..... | Massillon |
| Sara Marshall Sims..... | Columbus |
| William Arthur Herbert Spratley, Jr..... | Columbus |
| Rachel Elinor Sterns..... | Columbus |
| Arlene Jeannette Walters..... | Columbus |

(Twenty-eight candidates)

COLLEGE OF ENGINEERING

DEAN: CHARLES ELLISON MACQUIGG

BACHELOR OF AGRICULTURAL ENGINEERING

| | |
|--|----------|
| Gordon McNess Royle, B.Sc. in Agr..... | Leetonia |
|--|----------|

(One candidate)

BACHELOR OF ARCHITECTURAL ENGINEERING

| | |
|-----------------------------|------------|
| Charles Edwin Lex, III..... | Cincinnati |
| Lam Woo..... | Columbus |

(Two candidates)

BACHELOR OF ARCHITECTURE

| | |
|-------------------------------|----------------|
| Thomas Harrison Canfield..... | Columbus |
| Paul Spence Shook..... | Columbus |
| Philip Wahl Swain..... | Buffalo, N. Y. |
| William Woodrow Wells..... | Bluffton |

(Four candidates)

BACHELOR OF CERAMIC ENGINEERING

| | |
|-------------------------------|-------------------|
| Wilbur Hall Corban..... | Columbus |
| Sam Pershing Daugherty..... | Columbus |
| Robert Fleming Davis..... | Shinnston, W. Va. |
| William Owen Fahrenbruck..... | Deer Park |
| Henry Allen Gornall..... | Columbus |
| Leo Edward Harner..... | Mantua |
| Earl Eldredge Hite..... | Pleasantville |
| Peter Koopman, Jr..... | Lakewood |
| Carey Eugene Lindsay..... | Perrysburg |
| James Irving Mueller..... | Norwood |
| John Paul Schloffman..... | Zanesville |
| William David Spore..... | East Liverpool |
| James Kalb Stevenson, Jr..... | Columbus |
| William Fish Winemiller..... | Columbus |
| Paul John Yavorsky..... | Youngstown |

(Fifteen candidates)

BACHELOR OF CHEMICAL ENGINEERING

| | |
|--------------------------------|----------------|
| Sol Berg..... | Columbus |
| George Buchanan Brookover..... | Manchester |
| John Edward Chenevey..... | Apple Creek |
| Albert Richard Downing..... | Durango, Colo. |
| Carl David Fischer..... | Coldwater |
| Robert Russell Foltz..... | Westerville |
| Dwight Arthur Francis..... | Newark |
| Sam Friedman..... | Youngstown |

| | |
|---------------------------------|--------------------|
| Jack Alan Gerster..... | McDonald |
| Gordon Wade Goldrick..... | Cleveland |
| John Kenniston Harvey..... | Columbus |
| John Louis Hotz..... | Delphos |
| John Arthur Jacks, Jr..... | Columbus |
| Willis Everett Jackson..... | Holgate |
| Ira Joseph Kail..... | Huntington, W. Va. |
| Ellsworth Elmer Kimmel, Jr..... | Columbus |
| Lewis Robert Krieg..... | Lorain |
| Dillard Woodson Kuhlman..... | Ironton |
| John Mitchell McEwen..... | Bremen |
| Robert Paul Mitchell..... | Spencerville |
| Richard Edward Ogden..... | Columbus |
| Merrill Landis Riehl..... | Columbus |
| George Edward Roese..... | Columbus |
| Bernard Reginald Sarchet..... | Byesville |
| Robert Edward Scheiber..... | Tiffin |
| Joel Saul Stahl..... | Warren |
| Richard Paul Theado..... | Columbus |
| Roy William Thompson..... | Columbus |
| Charles Henry Voit..... | Warren |
| Clayton William Weber..... | Columbus |

(Thirty candidates)

BACHELOR OF CIVIL ENGINEERING

| | |
|-----------------------------------|----------------|
| Robert Goodlive Bainter..... | Zanesville |
| William Albert Berdelman..... | Columbus |
| Richard DeWitt Bredbeck..... | Port Clinton |
| Darwin Wilson Brown..... | Dexter City |
| Herbert Alfred Buros..... | Cleveland |
| William Anderson Cunningham..... | Marietta |
| John William Graham, Jr..... | Dayton |
| Don Alexander Hindman..... | Columbus |
| Edward Isaac Hofmayer..... | Columbus |
| Howard Curtis Hooper..... | Pennsville |
| Moreton Ray Hughes..... | Columbus |
| Charles Dayton Jones..... | Newark |
| Russell Earl Moreland..... | Columbus |
| Samuel Coles Peebles, Jr..... | Rushtown |
| Jay Coble Rabuck..... | Toledo |
| Thomas Carlton Reddington..... | Columbus |
| Eugene Francis Seaman..... | Columbus Grove |
| Raymond Garnet Shirley..... | Gibsonburg |
| Carl Frederick Shultheis, Jr..... | Dayton |
| Bernard Herman Siegelman..... | Columbus |
| Charles Spencer Stevenson..... | Portsmouth |
| William Robert Thompson..... | Newark |
| Robert Harris Tippet..... | Wellston |
| John Jacob Tomeik..... | Barberton |
| Robert Woodford Warner..... | Youngstown |
| Charles Tyrrell West..... | Crestline |
| Mary Adelyn Wilson..... | Nelsonville |

(Twenty-seven candidates)

BACHELOR OF ELECTRICAL ENGINEERING

| | |
|-------------------------------|-----------|
| Samuel John Anast..... | Newark |
| Dewey Mitchell Bassett..... | Napoleon |
| Paul Butler Best, Jr..... | Columbus |
| Franz William Beyer, B.A..... | Columbus |
| Anthony George Brown..... | Columbus |
| John Arthur Clark..... | Lancaster |
| Jack M. Delfs..... | Canfield |

| | |
|-------------------------------|-------------------|
| Herbert Thoburn Fessler..... | Wapakoneta |
| Walter Earl Flockencier..... | Crestline |
| Victor Frederiksen, Jr..... | Columbus |
| Bernard Green..... | Cleveland |
| Robert James Hanville..... | Fremont |
| Woodrow Wilson Heigle..... | Amanda |
| Warren Leonard Hood..... | Lima |
| Robert Frederick Johnson..... | Napoleon |
| Alfred Earl Kerscher..... | Columbus |
| Leonard Carl Koch..... | Wapakoneta |
| William James Lawrence..... | Columbus |
| Randall Edward Lloyd..... | Lima |
| Clarence Joseph Marx..... | Cleveland |
| Robert Dickerson McComb..... | Columbus |
| Roger Lee Merrill..... | Columbus |
| Robert Lee Ogram..... | Youngstown |
| Ira Balmer Penniman, Jr..... | Canton |
| Julius Hamilton Rubin..... | Cleveland |
| *Charles Louis Semmelman..... | Columbus |
| Louis Malaby Shaver..... | Columbus |
| John Miller Sherman..... | Troy |
| Rosabel Virginia Weiser..... | Delaware |
| Irving Francis Weiss..... | Cleveland Heights |
| Richard Addison Weston..... | Newark |
| Carl Frederick Willert..... | Grove City |

(Thirty-two candidates)

BACHELOR OF ENGINEERING IN MINING

| | |
|-------------------------------|-------------|
| David Clinton Ridenour..... | Columbus |
| David Lincoln Rohe..... | Columbus |
| Francis Andrews Schurtz..... | Worthington |
| Mac Bartlett Stephenson..... | Lancaster |
| Richard Hastings Wolcott..... | Mansfield |

(Five candidates)

BACHELOR OF INDUSTRIAL ENGINEERING

| | |
|--------------------------------|-------------|
| Neal Curtiss Albert..... | Lodi |
| Albert Miller Ankrom..... | Belmont |
| Robert Burns Barry, Jr..... | Lakewood |
| Kenyon Stowell Batchelor..... | Columbus |
| Ralph Lowell Bower..... | Kingston |
| Ray Eben Chandler, Jr..... | Cleveland |
| Durwood Loy Cooperrider..... | Columbus |
| Robert Graf Derrenberger..... | Loudonville |
| William Wilson Dodge..... | Cleveland |
| Bernard Ervin Egger..... | Columbus |
| Benjamin Hard Gardner, Jr..... | Columbus |
| Charles Michael Haas..... | Portsmouth |
| Alfred Stanley Hamilton..... | Columbus |
| Dwight Howard, Jr..... | Columbus |
| Bruce William Jones..... | Portsmouth |
| Carl Eugene Laufer..... | Mt. Gilead |
| Fred Henry Leupp, Jr..... | Columbus |
| Mast Carl Miller..... | Millersburg |
| Charles Lee Nissley, Jr..... | Springfield |
| Robert Heslip Pope..... | Girard |
| Franklin McCoy Rhodes..... | Youngstown |
| Charles Thomas Rose..... | Coshocton |
| Max Nichols Ruhl..... | Warren |
| Norman Edward Schoewe..... | Castalia |
| William Jerome Smith..... | Columbus |

* Two degrees.

| | |
|------------------------------|--------------|
| Robert McClellan Sprowl..... | Columbus |
| John Edward Stinson..... | Roseville |
| Ned Wilbur Strasser..... | Columbus |
| Stephen Eugene Wargo..... | Belle Valley |

(Twenty-nine candidates)

BACHELOR OF LANDSCAPE ARCHITECTURE

| | |
|-------------------------------|-------|
| William Arthur Hutchings..... | Niles |
|-------------------------------|-------|

(One candidate)

BACHELOR OF MECHANICAL ENGINEERING

| | |
|---------------------------------|----------------|
| William Robert Alexander..... | Columbus |
| Arthur Eugene Baggs, Jr..... | Columbus |
| Richard Warren Blair..... | Columbus |
| Hyman Brier..... | Columbus |
| Waltex Max Brown..... | Delaware |
| Thomas Johnson Cook, Jr..... | Columbus |
| Robert Lawrence Cooney..... | Columbus |
| Eldon Walter Cooperrider..... | Columbus |
| Lewis Aaron Dever..... | Oak Hill |
| Richard Lester Dickinson..... | Columbus |
| Robert Ted Drake..... | Columbus |
| Ellsworth Hubbard Fromm..... | Chillicothe |
| John Edward Gilkey..... | Canton |
| Wallace Erskine Harpst..... | Findlay |
| Andrew Henery..... | Zanesville |
| Virgil L. Iles..... | Batavia |
| Allan Parke Johnson..... | Columbus |
| Edward Mackin Kelly..... | Dayton |
| Glenn Elmer Manker..... | Columbus |
| Don Hall Marquis..... | Columbus |
| Virgil Herman Schrolucke..... | Sidney |
| August Charles Schultz, Jr..... | Sandusky |
| Arthur Emil Schwemler, Jr..... | East Cleveland |
| Thomas Andrew Seddon..... | Columbus |
| Paul Reign Shaffer..... | Vandalia |
| John Howard Shover..... | Columbus |
| Paul Eugene Smith..... | Columbus |
| Harry Bruce Steele..... | Lisbon |
| Robert Andrew Vaughan..... | Columbus |
| Kenneth Leo Warthman..... | West Mansfield |

(Thirty candidates)

BACHELOR OF METALLURGICAL ENGINEERING

| | |
|-------------------------------|--------------------|
| William Wesley Brown..... | Cleveland |
| Lodwic Crary Davis, Jr..... | Toledo |
| Lloyd George Evans..... | Columbus |
| John Keith Farrar..... | Huntington, W. Va. |
| Donald Theodore Goettge..... | Dover |
| Joseph Wayne Lodge..... | Smithfield |
| Charles Louis Matasich..... | Youngstown |
| Leonard Anthony Phipps..... | Belmore |
| Joseph Frank Rudolf..... | Canton |
| Charles Harold Shelton..... | Canton |
| Harry Lynn Shufflebarger..... | Columbus |

(Eleven candidates)

BACHELOR OF SCIENCE IN PHYSICS

| | |
|-----------------------------------|-----------|
| Allan Keith Conrad..... | Delaware |
| Cari Wendell Cox..... | Wellston |
| Stanley Vincent Forgue..... | Cleveland |
| Horace Wadsworth Gillett, Jr..... | Columbus |

| | |
|-------------------------------|------------|
| James Wallace Hackett..... | Struthers |
| Oren John Huber..... | Columbus |
| Karl Frederick Miles..... | Columbus |
| Theodore Elias Pochapsky..... | Cleveland |
| Thomas Edmund Rafferty..... | Grove City |
| *Charles Louis Semmelman..... | Columbus |
| George Martin Vanator..... | Clyde |
| (Eleven candidates) | |

PROFESSIONAL DEGREES

CERAMIC ENGINEER

| | |
|--|----------------------|
| Probert Wood Dager, B.Cer.E., 1929..... | Detroit, Mich |
| Melvin Sigvard Lund, B.Cer.E., 1929..... | Akron |
| Charles McCullen, B.Cer.E., 1928..... | Niagara Falls, N. Y. |
| Walter Clarence Rueckel, B.Cer.E., 1929; M.Sc., 1930; Ph.D., 1933..... | Columbus |
| Walter Henry Schotts, B.Cer.E., 1927..... | Crooksville |
| George Richardson Sylvester, B.Cer.E., 1926..... | Cleveland |
| (Six candidates) | |

CHEMICAL ENGINEER

| | |
|---|------------------|
| Charles Leonard Fletcher, B.Ch.E., 1930..... | Kingsport, Tenn. |
| Ralph Edwin Hall, B.S., M.S. (Ohio Wesleyan University); M.A., 1911; Ph.D. (University of Chicago); D.Sc. (Ohio Wesleyan University)..... | Pittsburgh, Pa. |
| Dean Sterling Hubbel, B.Ch.E., 1928; M.Sc., 1928..... | Pittsburgh, Pa. |
| Glenn Rounds Hull, B.Ch.E., 1924..... | Whiting, Ind. |
| Milton Fletcher Lindsley, Jr., B.Ch.E., 1927..... | Cincinnati |
| Edward Eugene Slowter, B.Ch.E., 1934; M.Sc., 1935..... | Columbus |
| (Six candidates) | |

CIVIL ENGINEER

| | |
|--|----------|
| Harry Earnest Hallock, B.C.E., 1930..... | Columbus |
| (One candidate) | |

INDUSTRIAL ENGINEER

| | |
|---|------------|
| Harry Alfred Dorsey, B.I.E., 1933..... | Cleveland |
| Sylvan Ellsworth Jackson, B.I.E., 1931..... | Portsmouth |
| Harold Chester Miller, B.I.E., 1933..... | Cleveland |
| (Three candidates) | |

MECHANICAL ENGINEER

| | |
|--|--------------------|
| Robert Garland Kilgore, B.M.E., 1932; M.Sc., 1934..... | Akron |
| Harry Ricket Patterson, B.M.E., 1931..... | Huntington, W. Va. |
| Alan Richard Schrader, B.M.E., 1934..... | Annapolis, Md. |
| (Three candidates) | |

COLLEGE OF PHARMACY

DEAN: CLAIR A. DYE

BACHELOR OF SCIENCE
IN PHARMACY—WITH HONORS

| | |
|---|------------|
| Kathleen June Bush (cum laude)..... | Middleport |
| Joseph Jeffery Davis (cum laude)..... | Peebles |
| Hilda Virginia Gilliland (cum laude)..... | Columbus |
| Fred George Schlecht (cum laude)..... | Girard |
| (Four candidates) | |

* Two degrees.

BACHELOR OF SCIENCE
IN PHARMACY

| | |
|--|--------------------|
| Louis Ackerman..... | Columbus |
| Maurice Lawrence Bleich..... | Cleveland |
| Aubrey Orestes Boohar..... | Chillicothe |
| Floyd Franklin Bumpus..... | Mt. Vernon |
| Max William Clayton..... | Deshler |
| Robert Arthur Crocetti..... | Steubenville |
| James Fidelia Davis..... | Columbus |
| Bernard Arthur Donnelly..... | Columbus |
| Vincent Facciuto..... | Akron |
| Josephine Sitterle Failer..... | Greenfield |
| Richard Conrad Findlay..... | Columbus |
| William Joseph Flynn..... | Youngstown |
| Lee William Funk, Jr..... | Columbus |
| Charles Gardner Griste..... | Columbus |
| Isadore Reuben Gurevitz..... | Columbus |
| Myron Clarence Hanysh..... | North Jackson |
| Charles Marten Henry..... | Columbus |
| Robert Jean Henry..... | Columbus |
| Ernest James Joslin, B.S. (Mount Union College)..... | Alliance |
| Robert Wells Kemper..... | Columbus |
| Mark A. Kiger..... | Bowling Green |
| Mary Elizabeth Kohl..... | Ravenna |
| Max R. Leonard..... | Bellevue |
| Helen Tyce Lewis..... | Charleston, W. Va. |
| Donald Evans Liles..... | Forest |
| William Julius Martin..... | Youngstown |
| Leo Wendell Mossman..... | Gallipolis |
| Lloyd Gilbert Mowery..... | Kingston |
| Louis Joseph Nagy..... | Alliance |
| Donald LeRoy Newland..... | Melvin |
| Jack George O'Malley..... | Cleveland |
| Thomas James Phillips..... | Deshler |
| William Ivan Hale Reeves..... | Columbus |
| James Dwight Revennaugh..... | Fredericktown |
| William Dale Rhodes..... | Columbus |
| Samuel Amon Ritchey..... | Fredericktown |
| Evelyn Ruth Rock..... | Cleveland |
| Abraham Morris Rolnick..... | Cleveland |
| George John Sevacko..... | Campbell |
| Edward Eford Smith..... | Columbus |
| William Sharp Sutter..... | Niles |
| Van Devender Wells..... | Columbus |
| Richard Harold Wepler..... | Wooster |

(Forty-three candidates)

COLLEGE OF MEDICINE

DEAN: JOHN H. J. UPHAM

CERTIFICATE OF GRADUATE NURSE

| | |
|-------------------------------|-------------|
| *Mary Helen Bauder..... | Powell |
| *Virginia Kathryn Buker..... | Killbuck |
| *Glenna Vail Hartley..... | Cambridge |
| *Thelma Elizabeth Parker..... | Wooster |
| *Rose Ellen Reed..... | Findlay |
| *Ellen Agnes Roller..... | Pemberville |
| *Judith May Schlegel..... | Ashville |

(Seven candidates)

* Two degrees.

